The IEI industrial workstations are PCs with built-in touch-screens. The workstations use either a micro-ATX motherboard or a backplane with a CPU card.



>>Mini-Workstation

Features:

- Excellent expansion capability for full/half size CPU cards
- Compact die-casting aluminum front panel and integrated LCD back frame
- Front panel, membrane keys, mouse pad and drive-bay enclosure meet IP64/IP65 standard for tough environment



WS-series MPC-series RPC-series Product Line IP 65 Waterproof Mini-Workstation with OSD functions IP 64 Waterproof Workstation with membrane Easy Rackmount Workstation with OSD functions LCD Size Model / Mechanism EC-1040G (4U 14-slot full-size) 6.5" 640 x 480 RPC-6106 (4U 7-slot half-size) RPC-6010G (4U 14-slot full-size) 8.4" 800 x 600 RPC-6108 (4U 7-slot half-size) 10.4" 800 x 600 WS-612GS (6U 7-slot) 12.1" 800 x 600 WS-843GS (7U 10-slot) RPC-6022G (5U 14-slot) MPC-52GS (6U 5-slot) 15" 1024x 768 WS-855GS (8U 10-slot/MB) MPC-55GS (7U 7-slot) 17" 1280 x 1024 WS-875GS (9U 10-slot/MB) MPC-57GS (8U 7-slot) 1280x 1024 WS-895GS (9U 10-slot/MB) MPC-59GS (9U 7-slot)

Industrial Workstation Series

Resistance and OSD Function



Features

- 1. Die-cast aluminum front panel with integrated LCD screen.
- $\ensuremath{\mathsf{2}}.$ New robust chassis and retention kit structure for shock and vibration
- 3. Front panel, membrane keys, mouse pad and drive-bay enclosure meet IP64 standard for tough environment

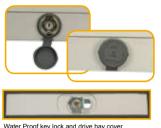
10.4" ~ 19" IP64 Waterproof Workstation Robust, Shock

- 4. Full function membrane keys and submerged OSD controller
- 5. Advanced thermal and air-flow design
- 6. Analog VGA interface supports all CPU boards

Features

■ IP64 Waterproof front panel, membrane keys, mouse pad & drive-bay

The industrial workstation's front cover is IP64 compliant. The front cover is completely protected against entry of dust, and protected against entry of water splashes or low-pressure spray from any direction.



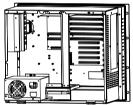


Water Proof key lock and drive bay cover

■ New robust chassis and retention kit structure to against shock and vibration

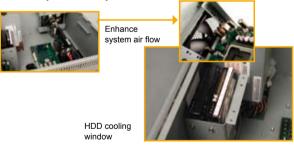
The whole chassis and retention kit are designed with rigidity in mind. The whole chassis has less joints and connections to increase resistance to shock and vibration.





■ Enhanced Thermal Management

Built-in fans and hard drive cooling ensure that temperatures stay within operating range at all times. This extends product life and increases system reliability.



■ Optional RS-232 interface touch screen

WS series provide RS-232 reserved port for touch screen. IEI Workstation provides T-R model with high strength Fiber Glass Touch Screen applications.



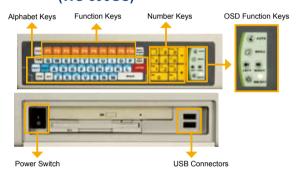
Optional RS-232 port

Compact die-cast aluminum front panel and integrated LCD back frame

Rack or wall mount systems always apply the whole system weight on the front bezel and LCD container. One piece design has higher strength and lighter weight because of aluminum die casting...

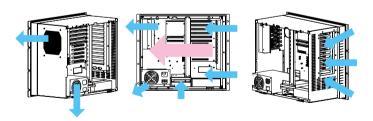


■ Full function membrane keys & submerged OSD controller(WS-895GS)



Advanced thermal and air-flow design

Thermal issues are a important issue for modern industrial PCs. The industrial workstation is designed so air flows through the computer, fresh, cool air in the one side, and warm air out the other.



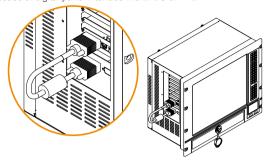
■ Complete Drive support

The industrial workstations support 3.5" and 5.25" drives, and a floppy drive.



■ Analog VGA interface supports all CPU boards

Analog VGA is the most popular interface among slot SBC system graphic output interfaces. Analog interface could reduce compatibility issues of digital panel interface like LVDS or TTL.



■ CPU Card and Micro-ATX Support

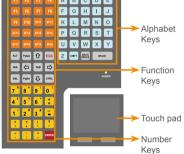
The WS-855GS, WS-875GS and WS-895GS can support MicroATX motherboards. MicroATX motherboards are widely used and offer a larger range of options to suit the needs of the system.



Full function membrane keys & submerged OSD controller

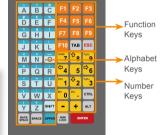








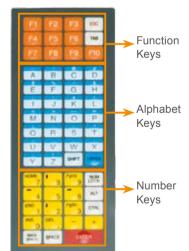




Function

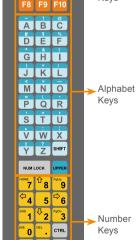
WS-855GS





• WS-875GS

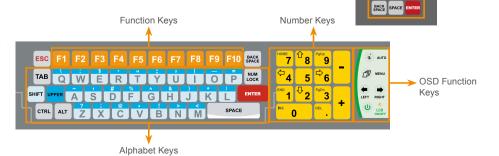




F3 F4 TAB

WS-895GS















	WS-612GS	WS-843GS	WS-855GS	WS-875GS	WS-895GS	
LCD Size	10.4"	12.1"	15"	17"	19"	
Resolution	800 x 600	800 x 600	1024 x 768	1280 x 1024	1280*1024	
Brightness (cd/m²)	230	400	350	300	300	
Contrast	500:1	500:1	400:1	500:1	700:1	
LCD color	262K	262K	262K	16.2M	16.2M	
Backlight Hours	50000	50000	50000	50000	50000	
Input Interface			Analog VGA (DB-15)			
Slot	7 slots	10 slots	10 slots / MB	10 slots / MB	10 slots / MB	
Form Factor	Full / half siz	ze SBC	Full /	/ half size SBC / m-ATX mother	board	
Mounting			19" rack mount			
Rack Height	6U	7U	8U	9U	9U	
Front Frame			Aluminum			
IP Level			IP64			
KeyPad	63 Keys	59 Keys	59 Keys	59 Keys	59 Keys	
Function Key	20 Keys	10 Keys	10 Keys	10 Keys	10 Keys	
Touch Pad	•	Yes			NO	
Front Panel USB	4	2	2	2	2	
HDD Drive Bay	1 x 3.5" HDD	1 x 3.5" HDD	1 x 3.5" HDD	1 x 3.5" HDD	1 x 3.5" HDD	
CD-ROM Drive Bay	N/A	1 x 5.25" CD-ROM	1 x 5.25" CD-ROM	1 x 5.25" CD-ROM	1 x Slim Type CD-ROM	
FDD Bay	1 x 3.5" FDD	1 x 3.5" FDD	1 x 3.5" FDD	1 x 3.5" FDD	1 x 3.5" Slim Type FDD	
System Fan		12	cm ball bearing 99.6 CFM fan		· .	
Touch Screen		5	5-wire resistive touch screen			
Vibration			, 0.1" double amplitude displace Hz, 1.5G acceleration peak to pe			
Shock		10G a	acceleration peak to peak (11ms)		
Relative Humidity			5 ~ 95%, non-condensing	,		
Operating Temperature			0°C ~ 50°C			
Color		:	Silver (Pantone PMS-8001)			
Dimension (W x H x D)(mm)	483 x 266 x 248	483 x 310 x 268	483 x 353 x 261	483 x 398 x 268	483 x 398 x 269	
Weight (NW / GW)	9.2 / 14.4 kg	10.7 / 17.2 kg	12 / 18.2 kg	14.2 / 20.6 kg	15.5 / 22 kg	
Recommand Backplane	PCI-7S, IP-7S, BP-7S, PCIAGP-6S, HPE-7S1, PE-6S/7S, PE-7S2	PCI-10S/10S2, PX-10S, PE-10S, IP-10S, IPX-9S, BP-10S, HPE-7S1/8S, PE-6S / 7S / 7S2 / 8S / 9S /10S				
Recommand m-ATX MB	N/A		IMB-9	9454, IMB-9452, IMB-8550, IMI	3-9154	
Power Supply	ACE-916A(AP)-RS (AT), ACE-4518AP-RS, ACE-4520C-RS, ACE-4525AP-RS, ACE-815C(T)-RS, ACE-816A(AP)-RS,	AT: ACE-925A(AP/AP-U/M)-RS, ACE-932A-RS, ACE-935AL-RS, ACE-940AP-RS, ACE-840A-RS, ACE-826A(C/M/V)-RS, ACE-832A(AP/AP-S)-RS, ACE-840A-RS, ACE-841AP-S-RS, ACE-850AP-RS-24,				

Ordering Information

Part NO	Description
WS-612GS / 4525AP / T-R	6U,10.4" 230cd/m² SVGA LCD 8-Slot Industrial Workstation, Aluminum Front, Silver Color, W/ACE-4525AP, W/10.4" Touch Screen, RoHS
WS-843GS/832AP/T-R	7U,12.1" 400cd/m² SVGA LCD 10-Slot Industrial Workstation, Aluminum Front, Silver Color, W/ACE-832AP/12.1" Touch Screen, RoHS
WS-855GS/832AP/T-R	8U,15" 350cd/m² XGA LCD 10-Slot Industrial Workstation with ACE-832AP-RS 300W ATX with PFC power supply and 15" resistive touch screen,RoHS
WS-855GSATX / 832AP / T-R	8U m-ATX 15" 350cd/m² XGA LCD workstation with ACE-832AP-RS 300W ATX with PFC power supply and 15" resistive touch screen, M-ATX version
WS-875GS / 832AP/T-R	9U, 17" 300cd/m² SXGA TFT LCD workstation with ACE-832AP-RS 300W ATX with PFC power supply and 17" resistive touch screen
WS-875GSATX / 832AP / T-R	9U,17" 300cd/m² SXGA LCD workstation with ACE-832AP-RS 300W ATX with PFC power supply and 17" resistive touch screen, M-ATX version
WS-895GS / 832AP / T-R	9U 10-slot 19" 300cd/m² SXGA TFT LCD workstation with ACE-832AP-RS 300W ATX with PFC power supply and 19" resistive touch screen
WS-895GSATX / 832AP / T-R	9U 10-slot 19" 300cd/m² SXGA TFT LCD workstation with ACE-832AP-RS 300W ATX with PFC power supply and 19" resistive touch screen, M-ATX version

Packing Information

Part Number	Description	Amount	Remark
32000-000002-RS	AC Power Cable	1	Standard Packing, for Europe, 32000-00004-RS for South Africa 32000-000022-RS for Australia, 32000-000025-RS for America 32000-000026-RS for Switzerland
32000-023200-RS	VGA Cable	1	
32100-034801-RS	PS_ON Cable for ATX signal	1	
41015-0003C0-00-RS	Press Stick Kit (Long)	4	
41015-0004C0-00-RS	Press Stick Kit (Short)	3	
47001-000101-RS	Press Stick Rubber	7	
	User Manual	1	
32000-075000-RS	KeyPad / MousePad PS/2 Cable	1	For SBC models
32000-078400-RS	KeyPad / MousePad PS/2 Cable	1	For m-ATX (Motherboards) models
32000-000050-RS	RS-232 Cable / Touch Pen / Driver CD-ROM for Touch Screen	1	

3 Digital Signage

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Dimensions

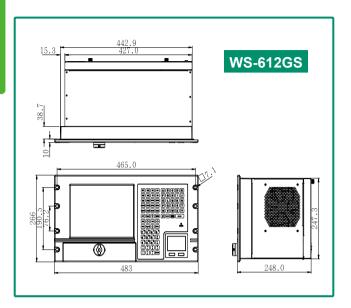
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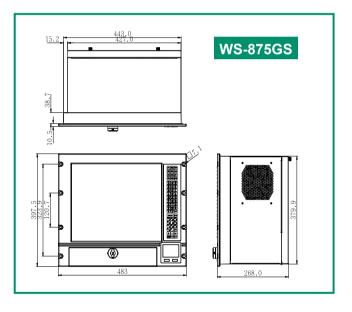
2 Point of Service

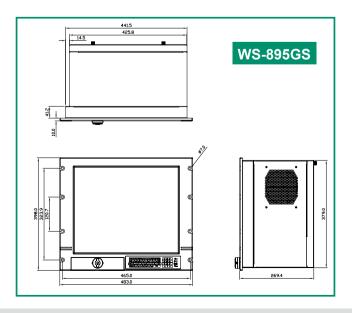
3 Digital Signage

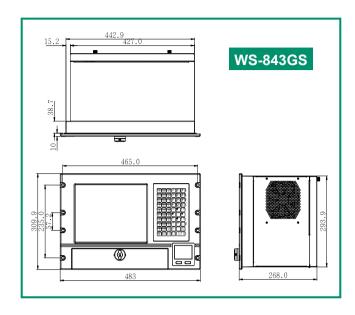
RISCpased Solutions

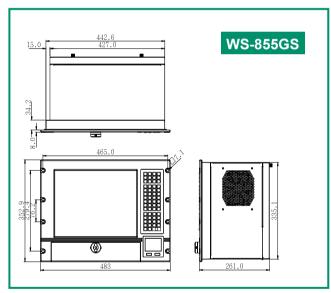
Medical Solution











WS Series Standard Packing



Mini-Workstation Series

10.4" ~ 19" IP65 Mini-Workstation, Robust, Shock Resistance and OSD Funcation



Features

- 1. Aluminum front panel meets IP65 standard for tough working environment
- 2. Optional RS-232 interface touch screen
- 3. Robust chassis and retention kit protects against shock and vibration
- 4. Over 300cd/m² high brightness and 50000hrs MTFB long lifetime panel
- 5. Advanced thermal and air-flow design
- 6. Panel mount / Rack mount support

Advanced Features

■ IP65 Waterproof Aluminum front panel

IP65 protects against dust and water from a jet spray.



Optional RS-232 interface touch screen

MPC series provide RS-232 reserved port for touch screen. IEI MPC provides T-R model with high strength Fiber Glass Touch Screen for applications.





Optional RS-232 port

Analog VGA interface supports all CPU boards

Almost Slot SBC systems have video output with analog VGA but without LVDS or TTL direct LCD panel interface. MPC series equipped with analog-digital convert board to support most flexible SBC graphic compatibility.





Robust chassis to against shocking and vibration

The chassis has as few parts as possible to provide the best protection against shock and vibration.



■ Complete Drive / IO support

Industrial workstations support 5.25" and 3.5" drives and a floppy drive.



Multi I/O connectors

Advanced thermal and air-flow design

Thermal condition is the most important issue of new generation IPCs. IEI's new "Single Way" design provides you higher system performance capability and more flexibility for the environment.





Full OSD Function in the front panel

IEI MPC Series integrates full OSD function in the front panel, users can easily configure all monitor functions by the water proof OSD function keys. With the convenient function, user doesn't have to move the monitor or whole system to do the adjustment. The most benefits is using this OSD located in the front panel, user can change the brightness of LCD panel and extend the panel life.





Mini-Workstation Selection Guide

1 utomation









	MPC-52GS	MPC-55GS	MPC-57GS	MPC-59GS		
LCD Size	12.1"	15"	17"	19"		
Resolution	800 x 600	1024 x 768	1280 x 1024	1280 x 1024		
Brightness (cd/m²)	400	350	300	300		
Contrast	500:1	400:1	500:1	700:1		
LCD color	262K	262K	16.2M	16.2M		
Backlight MTBF (Hours)	50000	50000	50000	50000		
Input Interface		Analog VC	GA (DB-15)			
Slot	5 slots	7 slots	7 slots	7 slots		
Form Factor	Half Size SBC		Full / Half Size SBC			
Mounting	Panel Mount / 19" Rack Mount					
Front Frame		Alum	ninum			
IP Level		IP	P65			
OSD		Y	'es			
HDD Drive Bay	1 x 3.5" HDD	1 x 3.5" HDD	1 x 3.5" HDD	1 x 3.5" HDD		
CD-ROM Drive Bay	1 x 5.25" CD-ROM	1 x 5.25" CD-ROM	1 x 5.25" CD-ROM	1 x 5.25" CD-ROM		
FDD Bay	1 x 3.5 FDD	1 x 3.5 FDD	1 x 3.5 FDD	1 x 3.5 FDD		
System Fan		8cm ball beari	ng 38 CFM fan			
Optional Touch Screen		5-wire resistiv	e touch screen			
Vibration	5 ~ 1	7 Hz, 0.1" double amplitude displaceme	nt17~640 Hz, 1.5G acceleration peak to	peak		
Shock		10G acceleration p	peak to peak (11ms)			
Relative Humidity		5 ~ 95%, no	n-condensing			
Operating Temperature		0~	50°C			
Color		Silver (PANTO	NE PMS-8001)			
Dimension (W x H x D) (mm)	340 x 260 x 218	410 x 309 x 236	452 x 356 x 236	483 x 399 x 240		
Weight (NW / GW)	7.2 / 9.9 kg	11.1 / 14.7 kg	14 / 17.8 kg	16.8 / 20.5 kg		
Recommend Backplane	IP-5SA / IP-5SA2 / HPE-5S1 / 5S2 / HPE-5S3	PCI-7S / IP-7S / BP-7S PCIAGP-6S / PE-6S / 7S / 7S2	PCI-7S / PE-6S / IP-7S PCIAGP-6S / HPE-7S1 / PE-7S / 7S2 /10S	PCI-7S / PE-6S / IP-7S / BP-7S / PCIAGP-6S / HPE-7S1 / PE-7S / 7S2 / 10S		
Power Supply	ACE-916A(AP)-RS (AT) / ACE-4518AP-RS / ACE-4520C-RS / ACE-815C(T)-RS	AT: ACE-925A(AP/AP-U/M)-RS / ACE-932A-RS / ACE-935AL-RS / ACE-940AP-RS ATX: ACE-4860AP-RS / ACE-828A(C/M/V)-RS / ACE-832A(AP/AP-S)-RS / ACE-840A-RS / ACE-841AP-S-RS / ACE-850AP-RS-24				

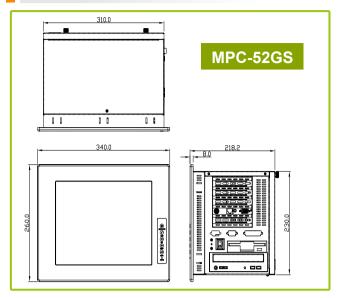
Ordering Information

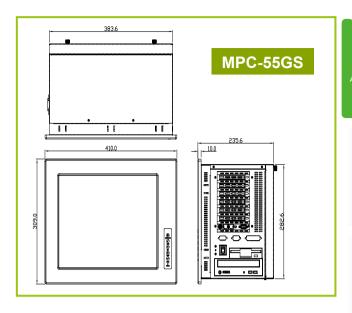
Part NO	Description
MPC-52GS / 916AP / T-R	12.1" 400cd/m² SVGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-916AP/12.1" Touch Screen
MPC-52GS / 4518AP/ T-R	12.1" 400cd/m² SVGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-4518AP/12.1" Touch Screen
MPC-55GS / 832AP / T-R	15" 350cd/m² XGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-832AP/15" Touch Screen
MPC-57GS / 832AP / T-R	17" 300cd/m² SXGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-832AP/17" Touch Screen
MPC-59GS / 832AP / T-R	19" 300cd/m² SXGA TFT LCD Industrial Panel PC, Aluminum Front, Silver Color, W/ACE-832AP/19" Touch Screen

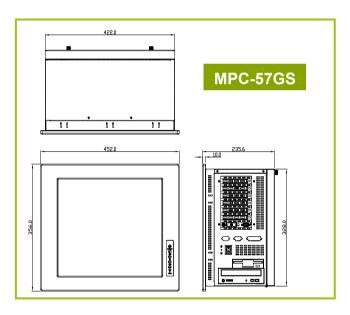
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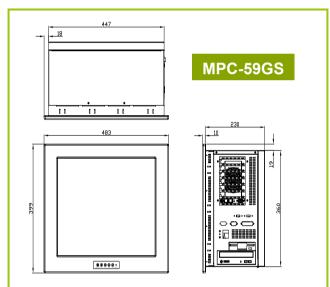
Part Number	Description	Amount	Remark
32000-023200-RS	VGA Cable	1	
32000-000002-RS	Power Cable	1	Standard Packing, For Europe 32000-000004-RS For South Africa 32000-000022-RS For Australia 32000-000025-RS For America 32000-000026-RS For Switzerland
19600-000132-RS	Screw kits	1	
32000-025604-RS	RS-232 Cable / Touch Pen / Driver CD-ROM for Touch Screen		
PK-104M,PK-170M,PK-190M	Panel Mounting kits	1	
	User Manual	1	

Dimensions



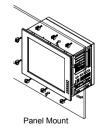


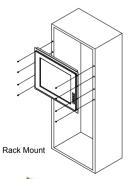






LCD size	12.1"	15"	17"	19"
PACK Mount Kit	RK-121MS-R10	RK-150MS-R10	RK-170MS-R10	RK-190MS-R10
Panel Mount kit	PK-170M	PK-170M	PK-170M	PK-190M







Panel Mount Kits









Screw Kits

VGA Cable

10.4"~17" Rack mount Kit

EC-1040G

4U 14-slot Rackmount LCD Workstation

utomation

2 Point of Service

3 Digital Signage

RISCbased Solutions

Medical Solution



Features

- 1. 6.5" TFT LCD with OSD control panel
- 2. Multi-function thermal alarm system
- 3. Optional KM-088G (keyboard and touch pad module)
- 4. Flexible driver combination
- 5. PICMG 1.3 backplane and Redundant power supply support
- 6. Advanced air-flow design

Backplane & Power Supply Options

Backplane	SBC Type	PCI	ISA		PCI-E		PSU
Model No.	эвс туре	PCI	ISA	X1	X4	X16	Connector
PCI-13SD-RS-R30	PICMG 1.0	3+4	3+3	0	0	0	AT/ATX
PCI-14S2-RS-R30	PICMG 1.0	4	8	0	0	0	AT/ATX
PCI-14S3-RS-R30	PICMG 1.0	4	9	0	0	0	AT/ATX
PX-14S3-RS-R30	PICMG 1.0	12	2	0	0	0	AT/ATX
PX-14S5-RS-R30	PICMG 1.0	7	6	0	0	0	AT/ATX
BP-14S-RS-R30	ISA	0	14	0	0	0	AT
PXAGP-13S3-RS-R30	PIAGP	11	0	0	0	0	AT/ATX
PE-13SD	PICMG 1.3	4	0	5	0	2	ATX
PXE-13S	PICMG 1.3	8	0	3	0	1	ATX
PXE-13S2	PICMG 1.3	4	0	7	0	1	ATX
PXE-13S3	PICMG 1.3	3	0	0	8	1	ATX



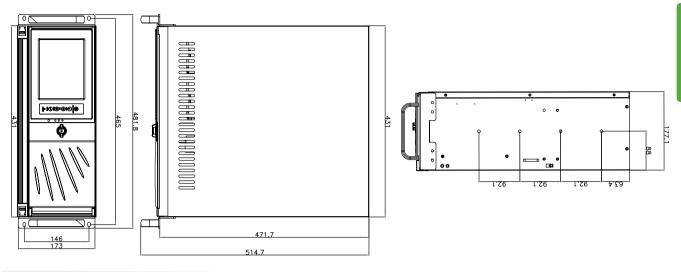
Type	Model No.	vvall
AT	ACE-935AL-RS	300W
	ACE-940AP-RS	390W
	ACE-832AP-RS	250W
ATX	ACE-841AP-RS	480W
	ACE-850AP-RS	500W
Redundant Power Support	ACE-R4130AP-RS	300W



Specifications

Construction	Heavy Duty Metal	Color	Black
SBC Form Factor	EC-1040GB – Full size slot CPU card EC-1040GBATX – ATX or Micro ATX	Weight (Net / Gross)	15.3kg / 28.8kg
Drive Bays	3 x 5.25" + 1 x 3.5"	Dimension	480mm x 431mm x 176mm
Cooling Fans	2 x 8 cm	Touch Screen	Optional 4-wire resistive type with RS-232 interface
I/O openings	2 x COM, 1xPS/2		LCD Spec
Expansion Slots	14 slots for EC-1040G 7 slots for EC-1040GATX	Size	6.5 "
Indicators	1.Temperature 2.LAN 3.Fan	Resolution	640 x 480 (VGA)
Buttons	1.Power switch 2.System reset	Brightness	400 cd/m ²
Operating Shock	10G acceleration peak to peak (11ms)	Contrast	550:1
Operating Vibration	5~17Hz 0.1" double amplitude displacement 17~640 Hz 1.5G acceleration peak to peak	Viewing Angle	140 / 120
Operating Temp.	0 ~ 50°C	Backlight MTBF	50000 hrs
Operating Humidity	5 ~ 95% @ 60° C, non-condensing	LCD Color	262k

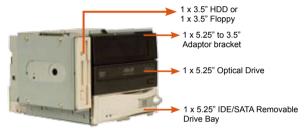
Dimensions



Flexible driver combination



IEI EC-1040G provides versatile drive combination for all kinds of usage. User can easily integrate every size of media drive for their



Option KM-088G

Rear View of EC-1040G

EC-1040GBX



- Works with backplane
- 14 expansion slots

EC-1040GBATX



- Works with ATX motherboard
- 7 expansion slots

KM-088G is 88 Keys and Touch Pad Module. Standard support of English version keyboard and optional Japanese, German, French, Italian, Chinese, Russian version keyboard support.of media drive for their needs.



Advanced air-flow design

Thermal condition is the most important issue of new generation IPCs. IEI's "Single way" design provides you higher system performance capability and more flexibility for the environment.



Ordering Information

EC-1040GB/ACE-832AP	4U Rack mount LCD chassis with 6.5" 400 cd/m² VGA TFT LCD, ACE-832AP-RS, RoHS
EC-1040GB/ACE-832AP/T-R	4U Rack mount LCD chassis with 6.5" 400 cd/m² VGA TFT LCD, ACE-832AP-RS and touch screen, RoHS
EC-1040GBATX/ACE-832AP	4U Rack mount LCD chassis for ATX MB with 6.5" 400 cd/m² VGA TFT LCD, ACE-832AP-RS, RoHS
EC-1040GBATX/ACE-832AP/T-R	4U Rack mount LCD chassis for ATX MB with 6.5" 400 cd/m² VGA TFT LCD, ACE-832AP-RS and touch screen, RoHS
Option	

KM-088G- L

L: Language code EN: English, JP: Japanese, DE, German, FR: French, IT: Italian, RU: Russian, CH: Chinese

1 utomation

2 Point of Service

Digital

RISCbased Solutions

Medical



Features

- 1. 8.4" TFT LCD with OSD and membrane keypads
- 2. Flexible driver combination
- 3. Lockable front door
- 4. USB x2 on the front panel
- 5. PICMG 1.3 backplane and Redundant power supply support
- 6. Advanced air-flow design

Backplane & Power Supply Options

Backplane Options							
Model No.	SBC Type	PCI	ISA		PCI-E		PSU
Wiodel No.	3BC Type	FCI	IJA	X1	X4	X16	Connector
PCI-13SD-RS-R30	PICMG 1.0	3 + 4	3 + 3	0	0	0	AT/ATX
PCI-14S2-RS-R30	PICMG 1.0	4	8	0	0	0	AT/ATX
PCI-14S3-RS-R30	PICMG 1.0	4	9	0	0	0	AT/ATX
PX-14S3-RS-R30	PICMG 1.0	12	2	0	0	0	AT/ATX
PX-14S5-RS-R30	PICMG 1.0	7	6	0	0	0	AT/ATX
BP-14S-RS-R30	ISA	0	14	0	0	0	AT
PXAGP-13S3-RS-R30	PIAGP	11	0	0	0	0	AT/ATX
PE-13SD	PICMG 1.3	4	0	5	0	2	ATX
PXE-13S	PICMG 1.3	8	0	3	0	1	ATX
PXE-13S2	PICMG 1.3	4	0	7	0	1	ATX
PXE-13S3	PICMG 1.3	3	0	0	8	1	ATX



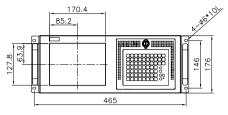
F	Power Supply Options						
Туре	Model No.	Watt					
AT	ACE-935AL-RS	300W					
	ACE-940AP-RS	390W					
ATX	ACE-832AP-RS	250W					
	ACE-841AP-RS	480W					
	ACE-850AP-RS	500W					
ATX Redundant	ACE-R4130AP-RS	300W					
AIV KEUUIIUAIII	ACE-R4140AP-RS	400W					

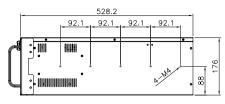


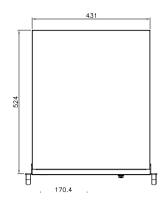
Specifications

Construction	Heavy Duty Metal	Color	White
SBC Form Factor	RPC-6010G – Full size slot CPU card RPC-6010GBATX – ATX or Micro ATX	Weight (Net / Gross)	15kg / 18kg
Drive Bays	3 x 5.25" + 1 x front-accessible 3.5" + 1 x HDD	Dimension	528mm x 431mm x 176mm
Cooling Fans	1 x 12 cm	Touch Screen	Optional 5-wire resistive type with RS-232 interface
I/O openings	2 x USB, 2 x COM, 1xPS/2		LCD Spec
Expansion Slots	14 slots for RPC-6022G 7 slots for RPC-6022GATX	Size	8.4 "
Indicators	Power LED	Resolution	800 x 600 (SVGA)
Buttons	Power switch System reset	Brightness	220 cd/m² (400 cd/m²)
Operating Shock	10G acceleration peak to peak (11ms)	Contrast	500:1 (400:1)
Operating Vibration	5~17Hz 0.1" double amplitude displacement 17~640 Hz 1.5G acceleration peak to peak	Viewing Angle	130 / 110 (120 / 100)
Operating Temp.	0 ~ 50°C	Backlight MTBF	20000 hs (50000 hrs)
Operating Humidity	5 ~ 95% @ 60° C, non-condensing	LCD Color	262k

Dimensions







Rear View of RPC-6010G



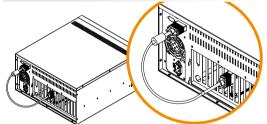
RPC-6010G

Works with backplane 14 expansion slots

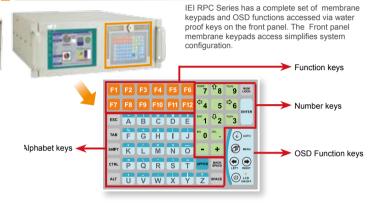
RPC-6010GATX

Works with ATX motherboard 7 expansion slots

Analog VGA interface supports all **CPU** boards



Fully functional OSD and membrane keypads

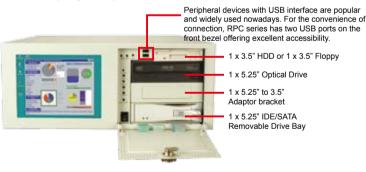


Advanced air-flow design

Thermal condition is the most important issue of new generation IPCs. IEI's "Single way" design provides you higher system performance capability and more flexibility for the environment.

Flexible driver combination

IE RPC series provides versatile drive combination for all kinds of usage. User can easily integrate every size of media drive for their needs.







Ordering Information

ACE-832AP (ATX)
RPC-6010GW/ACE-832AP/T-R
RPC-6010GWATX/ACE-832AP/T-R

4U Rack mount chassis, with with 8.4" 220cd/m2 SVGA LCD w/ACE-832AP-RS and Touch Screen, RoHS 4U Rack mount chassis for ATX mother board, with 8.4" 220cd/m2 SVGA LCD w/ACE-832AP-RS, w/8.4" Touch

RPC-6010GHW/ACE-832AP/T-R

Screen, RoHS 4U Rack mount chassis, with with 8.4" 400cd/m2 SVGA LCD w/ACE-832AP-RS and Touch Screen, RoHS

RPC-6010GHWATX/ACE-832AP/T-R

4U Rack mount chassis for ATX mother board, with 8.4" 400cd/m2 SVGA LCD w/ACE-832AP-RS, w/8.4" Touch Screen, RoHS

ACE-R4140AP (Redundant)

RPC-6010GWATXR/ACE-R4140AP/T-R

RPC-6010GWR/ACE-R4140AP/T-R

RPC-6010GHWR/ACE-R4140AP/T-R RPC-6010GHWATXR/ACE-R4140AP/T-R

4U Rack mount chassis for ATX mother board, with with 8.4" 220cd/m2 SVGA LCD, ACE-R4140AP-RS and Touch Screen, RoHS

4U Rack mount chassis, with 8.4" 220cd/m2 SVGA LCD ,ACE-R4140AP-RS and Touch Screen, RoHS

4U Rack mount chassis, with 8.4" 400cd/m² SVGA LCD ,ACE-R4140AP-RS and Touch Screen, RoHS

4U Rack mount chassis for ATX mother board, with with 8.4" 400cd/m2 SVGA LCD, ACE-R4140AP-RS and Touch Screen, RoHS

RPC-6022G

12.1" TFT LCD 5U 14-slot Rack mount Workstation



Features

- 1. 12.1" TFT LCD with fully functional OSD and membrane keypads
- 2. Flexible driver combination
- 3. Lockable front door
- 4. USB x2 on the front panel
- 5. PICMG 1.3 backplane and Redundant power supply support
- 6. Advanced air-flow design

Backplane & Power Supply Options

Backplane Options							
Model No.	CDC Tune	PCI	ISA	PCI-E			PSU
Model No.	SBC Type	PGI	ISA	X1	X4	X16	Connector
PCI-13SD-RS-R30	PICMG 1.0	3 + 4	3 + 3	0	0	0	AT/ATX
PCI-14S2-RS-R30	PICMG 1.0	4	8	0	0	0	AT/ATX
PCI-14S3-RS-R30	PICMG 1.0	4	9	0	0	0	AT/ATX
PX-14S3-RS-R30	PICMG 1.0	12	2	0	0	0	AT/ATX
PX-14S5-RS-R30	PICMG 1.0	7	6	0	0	0	AT/ATX
BP-14S-RS-R30	ISA	0	14	0	0	0	AT
PXAGP-13S3-RS-R30	PIAGP	11	0	0	0	0	AT/ATX
PE-13SD	PICMG 1.3	4	0	5	0	2	ATX
PXE-13S	PICMG 1.3	8	0	3	0	1	ATX
PXE-13S2	PICMG 1.3	4	0	7	0	1	ATX
PXE-13S3	PICMG 1.3	3	0	0	8	1	ATX

Power Supply Options						
Type	Model No.	Watt				
АТ	ACE-935AL-RS	300W				
	ACE-940AP-RS	390W				
	ACE-832AP-RS	250W				
ATX	ACE-841AP-RS	480W				
	ACE-850AP-RS	500W				
ATV Dedundent	ACE-R4130AP-RS	300W				
ATX Redundant	ACE-R4140AP-RS	400W				
PROGRAMMA STATE AND ADDRESS OF THE PROGRAMMA STATE	MANAGEMENT AND					



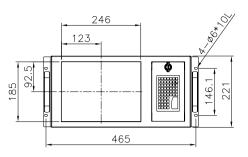


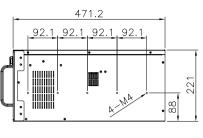
Specifications

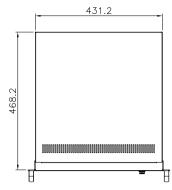
Construction	Heavy Duty Metal	Color	White
SBC Form Factor	RPC-6022G – Full size slot CPU card RPC-6022GBATX – ATX or Micro ATX	Weight (Net / Gross)	15kg / 18kg
Drive Bays	1 x 5.25" + 1 x front-accessible 3.5" + 1 x HDD	Dimension	470mm x 431mm x 220mm
Cooling Fans	2 x 12 cm	Touch Screen	Optional 5-wire resistive type with RS-232 interface
I/O openings	2 x USB, 2 x COM, 1xPS/2		LCD Spec
Expansion Slots	14 slots for RPC-6022G 7 slots for RPC-6022GATX	Size	12.1 "
Indicators	Power LED	Resolution	800 x 600 (SVGA)
muicators			1024 x 768 (XGA)
Buttons	Power switch System reset	Brightness	400 cd/m ²
Duttons			450 cd/m ²
Operating Shock	100	0	500:1
Operating Shock	10G acceleration peak to peak (11ms)	Contrast	700:1
	5~17Hz 0.1" double amplitude displacement		140 / 110
Operating Vibration	17~640 Hz 1.5G acceleration peak to peak	Viewing Angle	160 / 160
Operating Temp.	0 ~ 50°C	Backlight MTBF	50000 hrs
Operating Humidity	5 ~ 95% @ 60° C, non-condensing	LCD Color	262k

1-129 RPC-6022G-V20

Dimensions







Rear View of RPC-6022G



RPC-6022G

Works with backplane 14 expansion slots



RPC-6022GATX

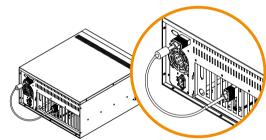
Works with ATX motherboard 7 expansion slots

Fully functional OSD and membrane keypads

IEI RPC Series has a complete set of membrane keypads and OSD functions accessed via water proof keys on the front panel. The Front panel membrane keypads access simplifies system configuration.



Analog VGA interface supports all CPU boards



Flexible driver combination

IE RPC series provides versatile drive combination for all kinds of usage. User can easily integrate every size of media drive for their needs





Removable Drive Bay



for the environment.

Thermal condition is the most important

way" design provides you higher system

1 x 5.25" to 3.5" Adaptor bracket





Ordering Information

ACE-832AP (ATX)	
RPC-6022GW/ACE-832AP/T-R	5U Rack mount chassis, with 12.1" 400cd/m² SVGA LCD w/ACE-832AP-RS,RoHS and Touch Screen, RoHS
RPC-6022GXW/ACE-832AP/T-R	5U Rack mount chassis, with 12.1" 450cd/m² XGA LCD w/ACE-832AP-RS,RoHS and Touch Screen, RoHS
RPC-6022GWATX/ACE-832AP/T-R	5U Rack mount chassis for ATX mother board, with 12.1" 400cd/m² SVGA LCD w/ACE-832AP-RS, w/12.1" Touch Screen, RoHS
RPC-6022GXWATX/ACE-832AP/T-R	5U Rack mount chassis for ATX mother board, with 12.1" 450cd/m² XGA LCD w/ACE-832AP-RS, w/12.1" Touch Screen, RoHS
ACE-R4140AP (Redundant)	
RPC-6022GWR/ACE-R4140AP/T-R	5U Rack mount chassis, with 12.1" 400cd/m² SVGA LCD ,ACE-R4140AP Redundant Power Supply and Touch Screen, RoHS
RPC-6022GXWR/ACE-R4140AP/T-R	5U Rack mount chassis, with 12.1" 450cd/m² XGA LCD ,ACE-R4140AP Redundant Power Supply and Touch Screen, RoHS
RPC-6022GWATXR/ACE-R4140AP/T-R	5U Rack mount chassis for ATX mother board, with 12.1" 400cd/m² SVGA LCD, ACE-R4140AP-RS and Touch Screen, RoHS
RPC-6022GXWATXR/ACE-R4140AP/T-R	5U Rack mount chassis for ATX mother board, with 12.1" 450cd/m²XGA LCD, ACE-R4140AP-RS and Touch Screen, RoHS

RPC-6106 / 6108

6.5"/8.4" TFT LCD 4U 7-slot Half-size Workstation

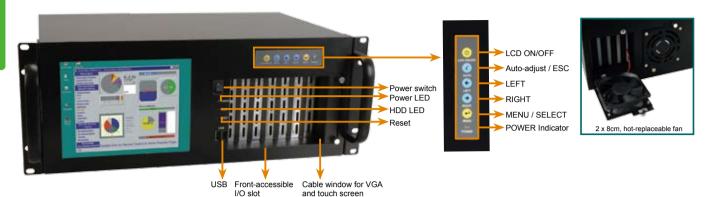
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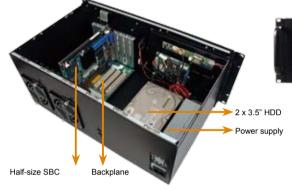
Point of Service

3 Digital Signage

RISCpased Solutions

Medical Solution









RPC-6106

RPC-610

Features

- 1. 6.5"/8.4" TFT LCD with full functional OSD in 4U chassis
- 2. Compatible with ISA, PCISA, PICO series half-size SBC
- 3. Front-accessible I/O slot design
- 4. 2 x 3.5" HDD capacity, 2 x front-accessible USB port
- 5. Models with touch screen available

Backplane Options

Both RPC-6106/6018 support the backplane listed below:

Model No.	SBC Type	PCI	ISA	PCIe			PSU
Model No.				x1	x4	x16	Connector
BP-7S-RS-R30	ISA	0	7	0	0	0	AT
IP-7S-RS-R30	PCISA	4	2	0	0	0	AT
IP-7SA-RS-R30	PCISA	4	2	0	0	0	ATX
HPE-7S1	PCI/PCIe	4	0	2	0	0	ATX

Power Supply Options

RPC- 6106/6108 supports 1U height PSU.

Туре	Model No.	Watt
AT	ACE-916AP-RS	150W
	ACE-816AP-RS	150W
ATX	ACE-4518AP-RS	180W
	ACE-4525AP-RS	250W

For other models of IEI 1U power supply, please visit www.ieiworld.com

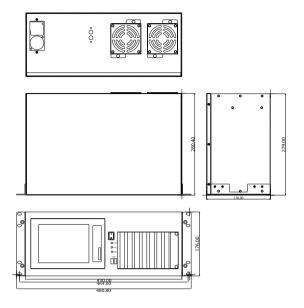
Specificationss

Operating Temperature 0 ~ 50°C 0 ~ 50°C Operating Humidity 5 ~ 95% @ 60°C, non-condensing 5 ~ 95% @ 60°C, non-condensing Weight (N.W./G.W.) 9.2Kg/13Kg 10Kg/14.3Kg Color Black Black Dimension in mm (DxWxH) 280x431x176 280x431x176 LCD Spec. LCD Spec. LCD Size 6.5" 8.4" Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	Мо	odel	RPC-6106	RPC-6108
Nax. slots 7 slots	SBC Type		Half-size CPU card	Half-size CPU card
Drive Bay 3.5" HDD 2 2 2	Chassis Const	ruction	Heavy duty metal	Heavy duty metal
USB	Max. slots		7 slots	7 slots
HDD LED	Drive Bay	3.5" HDD	2	2
Power LED		USB	2	2
Power LED	I/O nort	HDD LED	1	1
Power	I/O port	Power LED	1	1
Power Yes Yes Yes		Reset Switch	1	1
Power Yes Ye	Indicators		Power, HDD	Power, HDD
Part	Cooling Fan	Rear	2 x 8cm	2 x 8cm
OSD Yes Yes		Power	Yes	Yes
Operating Shock 10G acceleration peak to peak (11ms) 10G acceleration peak to peak (11ms) Operating Vibration 5~17Hz 0.1" double amplitude displacement 17~640 Hz 1.5G acceleration peak to peak 5~17Hz 0.1" double amplitude displacement 17~640 Hz 1.5G acceleration peak to peak Operating Temperature 0 ~ 50°C 0 ~ 50°C Operating Humidity 5~95% @ 60°C, non-condensing 5~95% @ 60°C, non-condensing Weight (N.W./G.W.) 9.2Kg/13Kg 10Kg/14.3Kg Color Black Black Dimension in mm (DxWxH) 280x431x176 280x431x176 LCD Spec. LCD Spec. LCD Size 6.5" 8.4" Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 4-wire resistive type with 4-wire resistive type with 4-wire resistive type with	Buttons	Reset	Yes	Yes
Operating Snock peak (11ms) peak (11ms) Operating Vibration 5~17Hz 0.1" double amplitude displacement 17~640 Hz 1.5G acceleration peak to peak 5~17Hz 0.1" double amplitude displacement 17~640 Hz 1.5G acceleration peak to peak Operating Temperature 0 ~ 50°C 0 ~ 50°C Operating Humidity 5~95% @ 60°C, non-condensing 5 ~ 95% @ 60°C, non-condensing Weight (N.W./G.W.) 9.2Kg/13Kg 10Kg/14.3Kg Color Black Black Dimension in mm (DxWxH) 280x431x176 280x431x176 LCD Spec. 6.5" 8.4" Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 4-wire resistive type with 4-wire resistive type with 4-wire resistive type with		OSD	Yes	Yes
Operating Vibration amplitude displacement 17~640 Hz 1.5G acceleration peak to peak amplitude displacement 17~640 Hz 1.5G acceleration peak to peak Operating Temperature 0 ~ 50°C 0 ~ 50°C 0 ~ 50°C Operating Humidity 5 ~ 95% @ 60°C, non-condensing 5 ~ 95% @ 60°C, non-condensing 10Kg/14.3Kg Weight (N.W./G.W.) 9.2Kg/13Kg 10Kg/14.3Kg Black Dimension in mm (DxWxH) 280x431x176 280x431x176 LCD Spec. LCD Size 6.5" 8.4" Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 4-wire resistive type with 4-wire resistive type with	Operating Sho	ck		
Operating Humidity 5 ~ 95% @ 60°C, non-condensing 5 ~ 95% @ 60°C, non-condensing Weight (N.W./G.W.) 9.2Kg/13Kg 10Kg/14.3Kg Color Black Black Dimension in mm (DxWxH) 280x431x176 280x431x176 LCD Spec. LCD Size 6.5" 8.4" Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	Operating Vibration		amplitude displacement 17~640 Hz 1.5G	amplitude displacement
Operating Humidity non-condensing non-condensing Weight (N.W./G.W.) 9.2Kg/13Kg 10Kg/14.3Kg Color Black Black Dimension in mm (DxWxH) 280x431x176 280x431x176 LCD Spec. LCD Size 6.5" 8.4" Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	Operating Tem	perature	0 ~ 50°C	0 ~ 50°C
Color Black Black Dimension in mm (DxWxH) 280x431x176 280x431x176 LCD Spec. LCD Size 6.5" 8.4" Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	Operating Hun	nidity		
Dimension in mm (DxWxH) 280x431x176 280x431x176	Weight (N.W./G	5.W.)	9.2Kg/13Kg	10Kg/14.3Kg
LCD Spec. LCD Size 6.5" 8.4" Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	Color		Black	Black
LCD Size 6.5" 8.4" Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	Dimension in r	nm (DxWxH)	280x431x176	280x431x176
Input interface Analog VGA Analog VGA Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interfacet 4-wire resistive type with 4-wire resistive type with			LCD Spec.	
Max Resolution 640 x 480 800 x 600 Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	LCD Size		6.5"	8.4"
Brightness (cd/m²) 400 220 (400) Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	Input interface		Analog VGA	Analog VGA
Contrast 550:1 500:1 (400:1) LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	Max Resolution	n	640 x 480	800 x 600
LCD Color 262K 262K Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resi	Brightness (cd	l/m²)	400	220 (400)
Pixel Pitch (mm) 0.207 0.213 Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	Contrast		550:1	500:1 (400:1)
Touch Screen Interface* 4-wire resistive type with 4-wire resistive type with	LCD Color		262K	262K
	Pixel Pitch (mr	n)	0.207	0.213
TO EDE INCIDADO	Touch Screen	Interface*	4-wire resistive type with RS-232 interface	4-wire resistive type with RS-232 interface

^{*} For T-R model with touch screen option only

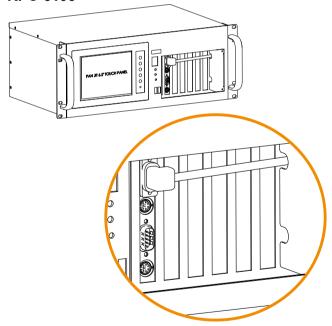
Dimensions

RPC-6106 Dimensions

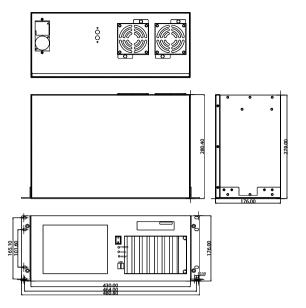


Analog VGA interface supports all CPU boards

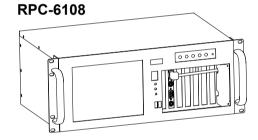
RPC-6106

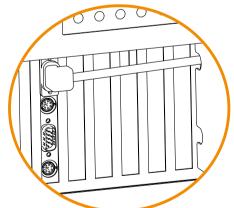


RPC-6108 Dimensions



Analog VGA interface supports all CPU boards





Ordering Information

Part NO	Description
RPC-6106B/ACE-4525AP/T-R	4U Half-size Front side 7-Slot Rackmount Chassis with 6.5" 400cd/m² VGA LCD and Touch screen, w/ACE-4525AP-RS PSU, Black, RoHS
RPC-6108B/ACE-4525AP/T-R	4U Half-size Front side 7-Slot Rackmount Chassis with 8.4" 220 cd/m² SVGA LCD and Touch screen, w/ACE-4525AP-RS PSU, Black, RoHS
RPC-6108BH/ACE-4525AP/T-R	4U Half-size Front side 7-Slot Rackmount Chassis with 8.4" 400 cd/m² SVGA LCD and Touch screen, w/ACE-4525AP-RS PSU, Black, RoHS

Display Monitor Solutions

Waterproof and durable displays are essential in today's commercial and industrial applications. IEI's versatile line of IP 64/65 compliant shock and vibration resistant industrial displays are designed specifically to endure the rigorous demands of modern commerce and industrial environments These displays are easily integrated into automation applications, ATM machines and human machine interfaces.

NEW

AFL-W15M / AFL-W19M

AFL-26A / AFL-642A 26" and 42" SAW Touch Moni

A. Heavy Industrial Monitors

- 1. IP 65 Front Panel Compliant
- 2. RS-232/USB Touch Panel 3. VESA Mounting
- 4. OSD Control
- 5. Dual VGA and DVI Inputs





SRM Series 800nits / 1000nits sunlight readable display monitor



DM Series



ISDM Series



TDM Series -30°C~70°C wide temperature display monitorr



LCD-KIT Series

B. Light Industrial Monitors

- 1. IP 64 Front Panel Compliant
- 2. 5 Video Inputs
- 3. Picture in Picture Function
- 4. Ambient Light Sensor
- 5. Remote Control for OSD
- 6. Built-in speakers







AFL-xxMA Series AG/AR tempered glass protection LCD monitor

Note: Sunlight Readable Version

A. Heavy Industrial Monitors

		DM-series	ISDM-series	TDM-series	SRM-series 😽	MDM-series	LCD-kits series	Touch Screen
Pro	oduct Line	Economic Industrial Display Monitor Solution	Stainless front panel with corrosion resistance	-30°C~70°C wide operating Temperature for extreme climate conditions	Sunlight Readable 800 nits /1000 nits	Multiple video input channels	Open frame mechanism easy to fit diverse end application enclosure	Re3sistive LCD Touch Screen Kitr
LO	CD Panel				Models			
6.5"	640 x 480	DM-65GHS					LCD-KIT65G	T-R065G
8.4"	800 x 600	DM-84GHS	ISDM-084GH				LCD-KIT084G	T-R084G
10.4"	800 x 600	DM-104GHS	ISDM-104GH				LCD-KIT104G	T-R104G
12.1"	800 x 600	DM-121GS	ISDM-121G		SRM-121GS/SRM- KIT121G		LCD-KIT121G	T-R121G
12.1"	1024 x 768	DM-121GXS	ISDM-121GX	TDM-121GMS	SRM-121XA/SRM- KIT121XA		LCD-KIT121GX	
15"	1024 x 768	DM-150GS	ISDM-150G	TDM-150GMS	SRM-150GS/SRM- KIT150G	MDM-150S	LCD-KIT150G	T-R150G
17"	1280 x 1024	DM-170GS	ISDM-170G			MDM-170S	LCD-KIT170G	T-R170G
19"	1280 x 1024	DM-190GS	ISDM-190G			MDM-190S	LCD-KIT190G	T-R190G

Light Industrial Monitors

D. Light Indus	i Light industrial Pointors											
LCD Size	Wide 7"	8.4"	10.4"	12.1"	15"	Wide 15"	17"	19"	Wide 19"	26"	4	2"
Product Lines	800x 480	800 x 600	800x 600	1024 x 768	1024 x 768	1366 x 768	1280 x 1024	1280 x 1024	1440 x 900	1920 x 1200	1366 x 768	1920 x 1080
A. AFL-M Series Touch monitor	AFL-07M	AFL-08M	AFL-10M	AFL-12M	AFL-15M	AFL-W15M	AFL-17M	AFL-19M	AFL-W19M	AFL-26M	AFL-642M	AFL-642ME/ T-S
B. AFL-MA Series AR/AG tempered glass protection monitor	AFL-07MA	AFL-08MA	AFL-10MA	AFL-12MA	AFL-15MA		AFL-17MA	AFL-19MA	26"/42" SAW Touch			
C. AFL-ME Series 250nits economical monitor					AFL-15ME							AFL-642ME
D. AFL Open Frame Monitor											LCD- KIT420G	

IEI SmartOSD

Software OSD for IEI LCD Monitors

IEI smartOSD is an intelligent and easy to use proprietary On-Screen-Display (OSD) for IEI display monitors. The smartOSD allows remote, software-based adjustment of screen settings. The smartOSD works over a standard DVI or VGA cable. Note: The smartOSD function is only supported by revision 11 models and above

Directly controls IEI display device through standard video cables!



Remote System

- Various Remote Management Functions
- · EDID Reading
- Image/Color/Display Setting
- Power Management
 OSD Lock/Unlock
- PIP Control



Overcome Operation **Obstacles**

Distance, location and multiple display units no longer present any obstacles when controlling the monitors with the smartOSD.



Multiple Control Displays

DVI cable



Untouchable Location



100% Compatible With VESA DDC/CI Protocol

IEI LCD monitors are implemented with the VESA DDC/CI protocol and the standard VESA Monitor Control Command Set (MCCS). Compliance software for designing displays compatible with VESA's DDC/CI and MCCS standards are easily modified and applied in other application programs.

Various Remote Management Functions

1.EDID



4. Color Setting



2.Image Setting



5. Picture in Picture Setting

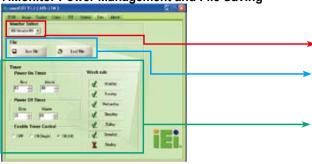


3. Display Setting



6. System Setting





Monitor Select

Selects the monitor unit for which the system parameters will be adjusted

Settings Saving

Save the referred settings of all the OSD functions as .dat files and load the settings

Power Management

Setting the monitor power on/off by time and week

Valuable for Project Base

The smartOSD can be very useful in many projects:

(1) Easy Configuration of Multiple Monitors

(2) Fast Configuration of Multiple Monitors

Unlimited smartOSD setting configurations can be stored in the memory thereby enabling you to change or choose between memorized configuration modes more quickly.

(3)Smart Power Management

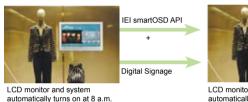


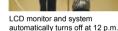
Modifiable for Customization Service

IEI OSD software is based on the VESA protocol standards and can be customized through a command library using customer defined MSSC commands. This programming feature supports easier software development.

MSSC Command List

Codes	VCP Code Names	Codes	VCP Code Names
10h	Brightness	0eh	Clock
12h	Contrast	3eh	Phase
14h	Select color temperature	8ch	Sharpness
16h	Red Video Gain	60h	Main Source
18h	Green Video Gain	62h	Volume





Outdoor Digital Signage Power Management

Other Features



IP65 Waterproof front panel

IP65 standard is the highest dusty, water and oil proof level in general usage. It absolutely prevents any microparticle into the system from front panel, and let the system adapting harsh environment.

First Numerical			Second Numerical		
Protection against solid bodies			Protection against liquid		
No Protection	0	0	No Protection		
Objects Greater Than 50mm	1	1	Vertically Dripping Water		
Objects Greater Than 12mm	2	2	75 - 90° Sprayed water		
Objects Greater Than 2.5mm	3	3	30 - 90° Sprayed water		
Objects Greater Than 1.0mm	4	4	Water sprayed - low pressure		
Dust-Protected	5	5	Water jets - low pressure		
Dust-Tight	6	6	Water jets – high pressure - Heavy Seas		
		7	Temporary immersion		
		8	Indefinite Immersion		



The SRM and MCM series support auto-dimming. The screen brightness is automatically adjusted to match the ambient light. This causes less strain on people's eyes and reduces energy requirements.



Aremote controller ensuring easy OSD functions configuration.



An intelligent and easy to use proprietary On-Screen-Display (OSD) software for all the IEI LCD monitors to remote control the OSD functions from the systems via VGA/DVI video cable.



The SRM monitors are readable in sunlight. The monitors support 800 and 1000 nits brightness. Unlike most sunlight readable monitors, that usually have six backlights, the IEI monitors still only have four backlights. This approach saves power and produces less heat.



Outdoor applications in daylight or other bright environments require technology that can suppress surface reflection. The SRM series has special AR (anti-reflection) surface treatment to prevent reflection, ensuring excellent visibility in daylight conditions.



Typical monitors can only be used in environments that have temperatures in the $0^{\circ}\text{C}\sim50^{\circ}\text{C}$ range, Extended IEI environmental testing is performed to ensure the TDM series continues to function properly over its entire service life in a wide working temperature range of -30°C to +70°C.



Light industry LCD monitors integrated with multiple video inputs through common video connectors including VGA, DVI-D,S-Video, component and BNC/Composite video input interfaces. The 5-in-1 system connects to a wide range of devices and most electronic appliances. (The AFL-O7M/08M/10M/12M has a 4-in-1 system with VGA,S-Video, Component and Composite)



Light industry LCD monitors have PIP function enabling a second video/image to be viewed in a small on-screen window

AFOLUX Multimedia Monitors



A. AFL-xxM Series



- Touch Screen Features:
 - Touch system draws your customers in and keeps them involved and quickly control the system just by simple touch.
 - Finger, gloved hand and stylus activation
- Applications: POS / KIOSK / ATM machine.



B. AFL-xxMA Series

- Tempered Glass Features:
 - Easy cleaning
 - Scratch proof
 - Surface anti-reflection treatment decreases glare and reflections and increases contrast
 - Improved eye comfort
 - High Transmission
- Applications: Digital signage / Gaming / Betting / Check-In Terminal / Medical



A. 7"~42" AFOLUX Touch Monitors

with durable 4/5-wire resistive touch screen

Interactive Digital Signage

4/5-wire resistive touch screen

Interactive platform attracts people's attention. It draws your customers in and keeps them involved. Use it for product or service information, directories, check-in services and exhibit details so your customers have the information they need right at their fingertips .

Optional USB/RS-232 Touch Screen Iterface (Dual 2-in-1 USB and RS-232 interface for 7" to 12.1" AFOLUX monitors)

B. 7"~42" AFOLUX AG/AR Tempered Glass Protection Monitors

with high efficiency Anti-Reflection treatment

Stronger Protection

IEI AFOLUX tempered glass monitor's 8H hardness through strict testing is stronger than the conventional panel and therefore is able to protect the screen from damage ,offers protection solutions for a wide variety of applications.



Anti-reflection coated over the glass surface

AFOLUX tempered glass monitor series with special AR coating (anti-reflection) are specially engineered to reduce reflection and increase transmission of light to get better image.



W/O AR

With AR

Coating

Reduced intensity of reflected light

- No image distortion
- Higher contrast

Hardness Test (JIS-K5600) Abrasion Test (Steelwool #0000)

- Wider viewing angles
- Colors are more vibrant

Easy Cleaning

AFOLUX tempered glass protection monitor series equipped with the tempered glass can be easily cleaned with water, alcohol or common cleaning solution without losing its optical characteristics and scratching the surface.



- 8H Hardness
- Scratch proof
- Easy to clean
- Impact resistant

Features

1 tomation

Stylish Design

The clean and refreshingly simple looks of the AFOLUX monitors provide an aesthetic interface for public area applications (e.g. ATMs) and industrial solutions (e.g. operator terminal).







Stylish Design

Light Weight Construction

Light weight construction ensures the AFOLUX can be rack mounted, panel mounted and mounted on a VESA stand.







High Quality Audio Built-in

Two built-in speakers deliver dual 1.5/3 watts sound for your multimedia enjoyment.







5 Video Inputs

The AFL-15M/17M/19M have multiple video inputs through common video connectors including VGA, DVI-D, S-Video, component and BNC video input interfaces.

The 5-in-1 system connects to a wide range of devices and most electronic appliances. (The AFL-07M/08M/10M/12M has a 4-in-1 system with VGA,S-Video, Component and Composite)

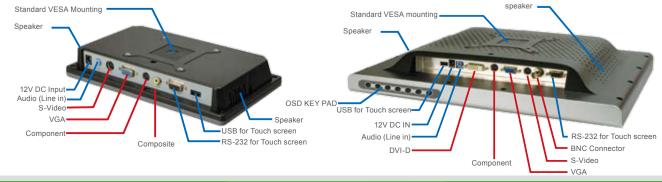


7"~12.1" AFOLUX Monitor

4-in-1 Multiple Video Input System

15"~19" AFOLUX Monitor

5-in-1 Multiple Video Input System (DVI-D Added)



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Features



PIP Functions

PIP enables a second video/image to be viewed in a small on-screen window. Images from other sources including DVR and DVD devices can also be viewed in the PIP window.

The small onscreen window can be easily resized and moved to a specified onscreen location. Alternatively, "picture-outside-picture" (POP) can be implemented by dividing the screen into two equally sized portions with two different outputs being displayed on either screen.

Main Source Setting PIP Zone

PIP Settings:

- Three sizes including small, medium and large
- Four positions including upper left, lower left, upper right and lower right.
- Independent PIP widow color controls (brightness, contrast, hue and saturation)
- A blend function makes the PIP transparent







Side by Side (Video & Video)



Picture In Picture (Video on Graphics)



Side by Side (Video & Graphics)

Main screen and sub screen can't display BNC/S-Video or VGA/YPbPr inputs at the same time



Full OSD Functions

Integrated OSD functions under the front panel enables convenient monitor configuration. Image, display ,PIP, color and system configurations can all be set with the hidden OSD.



Image



System



Colo





Display

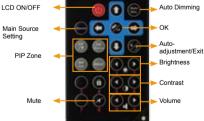


OSD Keypad is designed for AFL-15M/17M/19M



Remote Control for OSD Functions

Hot-keys on the remote control include PIP zone, main source setting, autodimming, brightness, contrast and volume. Remote control hot-keys ensure easy configuration of the AFOLUX.





Ambient Light Sensor

The AFOLUX 15M, 17M and 19M models with a mbient light sensor ensures your monitor performs optimally in all lighting conditions.

The ambient ALS can be turned on or off according to the users preference and the operational environment. Some of the AFL benefits include:

- Reduces cost of operation by reducing the power usage
- Extends backlight life
- Provides comfortable viewing



Illuminance

ALS is placed on the front side .where there is an opening for light

1-138

Specifications















Model	AFL-07M/MA	AFL-08MH/MA	AFL-10M/MA	AFL-12M/MA	AFL-15M/MA	AFL-15ME/MAE	AFL-17M/MA	AFL-19M/MA
Display Size	7"	8.4"	10.4"	12.1"		15"	17"	19"
Max Resolution	800 x 480 (WVGA)	800 x 600 (SVGA)	800 x 600 (SVGA)	1024 x 768 (XGA)	1024 x 768 (XGA)		1280 x 1024 (SXGA)	1280 x 1024 (SXGA)
Brightness (cd/m²)	350	450	400	450	350	250	300	300
Contrast Ratio	400:1	500:1	500:1	700:1	400:1	600:1	800:1	800:1
LCD Color	262K	262K	16.2M	262K	262K	16.7M	16.7M	16.7M
Pixel Pitch (mm)	0.1905(H) x 0.1905(V)	0.213(H) x 0.213(V)	0.0685(H) x 0.2055(V)	0.240(H) x 0.240(V)	0.297(H) x 0.297(V)	0.264(H) x 0.264(V)	0.294(H) x 0.294(V)
Viewing Angle (H/V)	140°/100°	120°/100°	120°/100°	160°/160°	120°/100°	160°/160°	160°	?/160°
Backlight MTBF (Hrs)	30000		5000	00		40000	50	000
Input Video Signal Connector		1. Composite (NTSC/ PAL) 2. YPbPr 2. YPbPr 3. S-Video 4. VGA 4. VGA 1. BNC Connector (NTSC/PAL) 2. YPbPr 4. VGA 5. DVI						
Audio In		AM	MP 1.5W + AMP 1.5W	V (internal speaker)			AMP 3W + AMP 3V	W (internal speaker)
Extension	IR Sensor (Remote Control) 1. Ambient Light Sensor 2. IR Sensor (Remote Control)							
Construction Front Panel				ABS and PC Plas	tic front frame			
Contruction Chassis				Aluminum C	Chassis			
Power Adapter		3	6W				60W	
On Screen Display (OSD)	Remote Control for OSD Functions 1. OSD Keypad below the Front Panel 2. Remote Control for OSD Functions							
User's Controls	Image (Brightness, Contrast ,Sharpness), Display (Auto Adjust, Phase , Clock,Display Control) PIP(Pip On/Off, Pip Input Select, Pip Size, Pip Position ,Pip Color Controls, Blend) Color (Auto Color, Color Tmperature, sRGB) System (Audio, Factory Reset , Information, Input select, Misc) OSD Buttons: Power, Left, Up, Down, Right ,Menu OSD:Image (Brightness, Contrast ,Sharpness), Display (Auto Adjust, Phase, Clock,Display Control) PIP(Pip On/Off, Pip Input Select, Pip Size, Pip Position ,Pip Color Controls Blend) Color (Auto Color, Color Tmperature, sRGB) System(Audio, Factory Reset , Information, Input select, Misc)							
Mounting		Vall mounting 75 x 75mm)		all mounting nm / 100 x 100mm)			all mounting A 100 x 100mm)	
Dimension (WxHxD) (mm)	226 x 140 x 40.18 233.86 x 183.86 x 41.09 276 x 227 x 50.7			304 x 246 x 49.5	393.06 x	308.06 x 61	428 x 350 x 65	469.94 x 382.46 x 67
Operation Temperature (°C)	0~+50°C							
Net Weight (Kg)	0.88	1.14	1.33	2.12		3.2	5.0	5.6
Front Panel Protection	IP 64 Compliant							

Note: 1. The model name "A" stands for andvanced model with AG/AR tempered glass protection 2. The model name "E" stands for entry level panel with 250 nits

Options

	AFL-07M/MA	AFL-08MH/MA	AFL-10M/MA	AFL-12M/MA	AFL-15M/MA	AFL-17M/MA	AFL-19M/MA
Panel Mounting kits	AFLF	PK-08	AFLF	PK-12	AFLPK-15	AFLPK-17	AFLPK-19
Wall Mounting kits	AFLV		NK-12			AFLWK-19	
Rack Mounting Kits	AFLRK-07	AFLRK-08	AFLRK-10	AFLRK-12	AFLRK-15	AFLRK-17	N/A
LCD Monitor Stand	STAND-A08/STAND-100-RS/STAND- 150-RS		STAND-A12/STAND-100-RS/STAND- 150-RS		STAND-A	.19/STAND-B19/STANI	D-210-RS
VSTAND	VSTAND-A07	VSTAN	ND-A10	VSTAND-A12		N/A	
DC to DC converter module				IDD-930160-KIT			

Packing List

Item	Part No.	Remark
Power Cord	32000-000002-RS	Length:180cm
VGA Cable	32000-036200-RS	Length:180cm
Audio Cable	32000-036500-RS	Length:180cm
Component Cable	32000-083700-RS	Length:10cm
Component Extend Cable	32000-088100-RS	Length:170cm
DVI Cable	32000-086600-RS	Length:180cm for AFL-15M / 17M / 19M
36W Power Adapter	63000-FSP0361AD101C-RS	for AFL-07M / 08M / 10M / 12M
60W Power Adapter	63000-FSP0601AD101C-RS	for AFL-15M / 17M / 19M
User's Manual CD-ROM	7B000-000087-RS	
Remote Control	7Z000-8T00322ICP01G-RS	
Touch Pen	XTR104-0002-RS	for Touch Screen Models
Touch Screen RS-232 Cable	32000-000098-RS	Length:180cm for Touch Screen Models
Touch screen USB cable	32000-045801-RS	Length: 150cm for touch screen models





Component Cable

Optional 60W DC/DC Converter Module Spec (P/N:IDD-930160-KIT)

Input Voltage	9~30VDC
Input Current	Max. 8A at 6VDC
Output	12V@5A
Max. Total Output	60W
Performance Characteristics	Noise & ±Ripple:<320mV, Line Regulation: <120mV , Load Regulation: <120mV
Transient toggle rate	250Hz (50% duty ratio)
Transient current step	From 0% to 50% and 50% to 100% of max current
Efficiency	typ. 95% (Vin=12V, 80% of full load)
Dimensions	42mm x 103mm x 31mm
Mounting Kit	12mm x 80mm
Cable Length	180cm
Operating Temperature	-40°C~85°C

Note: 1. The model name "A" stands for andvanced model with AG/AR tempered glass protection 2. The model name "E" stands for entry level panel with 250 nits





AFOLUX Touch Monitor Series

Ordering Information

AI OLON TOUGH MONITOR OCTION				
Part NO	Description			
AFL-07M/T-R-R11	7" 350cd/m² WVGA LCD monitor, plastic front panel, gray color, with 7" RS-232 and USB touch screen, RoHS			
AFL-08MH/T-R-R11	8.4" 450cd/m² SVGA LCD monitor, plastic front panel, gray color, with 8.4" RS-232 and USB touch screen, RoHS			
AFL-10M/T-R-R11	10.4" 400cd/m² SVGA LCD monitor, plastic front panel, gray color, with 10.4" RS-232 and USB touch screen, RoHS			
AFL-12M/T-R-R11	12.1" 450cd/m² XGA LCD monitor, plastic front panel, gray color, with 12.1" RS-232 and USB touch screen, RoHS			
AFL-15M/T-R-R11	15" 350cd/m² XGA LCD monitor, plastic front panel, gray color, with 15" RS-232 touch screen, RoHS			
AFL-15ME/T-R-R11	15" 250cd/m² XGA LCD monitor, plastic front panel, gray color, with 15" RS-232 touch screen, RoHS			
AFL-15M-USB/T-R-R11	15" 350cd/m² XGA LCD monitor, plastic front panel, gray color, with 15" USB touch screen, RoHS			
AFL-15ME-USB/T-R-R11	15" 250cd/m² XGA LCD monitor, plastic front panel, gray color, with 15" USB touch screen, RoHS			
AFL-17M/T-R-R11	17" 300cd/m² SXGA LCD monitor, plastic front panel, gray color,with 17" RS-232 touch screen, RoHS			
AFL-17M-USB/T-R-R11	17" 300cd/m² SXGA LCD monitor, plastic front panel, gray color,with 17" USB touch screen, RoHS			
AFL-19M/T-R-R11	19" 300cd/m² SXGA LCD monitor, plastic front panel, gray color, with 19" RS-232 touch screen, RoHS			
AFL-19M-USB/T-R-R11	19" 300cd/m² SXGA LCD monitor, plastic front panel, gray color, with 19" USB touch screen, RoHS			
Note: Dual 2-in-1 USB and RS-232	interface for 7" to 12.1" AFOLUX monitors			

NEW! AFOLUX AG/AR Tempered Glass Protection Monitor Series

_	7 to 0 = 0717110, 7 to 10 to 10	
	Part NO	Description
	AFL-07MA-R10	7" 350cd/m² WVGA LCD monitor, plastic front panel, gray color, with AG/AR tempered glass protection, RoHS
	AFL-08MA-R10	8.4" 450cd/m² SVGA LCD monitor, plastic front panel, gray color,with AG/AR tempered glass protection, RoHS
	AFL-10MA-R10	10.4" 400cd/m² SVGA LCD monitor, plastic front panel, gray color, with AG/AR tempered glass protection, RoHS
	AFL-12MA-R10	12.1" 450cd/m² XGA LCD monitor, plastic front panel, gray color, with AG/AR tempered glass protection, RoHS
	AFL-15MA-R10	15" 350cd/m² XGA LCD monitor, plastic front panel, gray color, with AG/AR tempered glass protection, RoHS
	AFL-15MAE-R10	15" 250cd/m² XGA LCD monitor, plastic front panel, gray color, with AG/AR tempered glass protection, RoHS
	AFL-17MA-R10	17" 300cd/m² SXGA LCD monitor, plastic front panel, gray color, with AG/AR tempered glass protection, RoHS
	AFL-19MA-R10	19" 300cd/m² SXGA LCD monitor, plastic front panel, gray color, with AG/AR tempered glass protection, RoHS

AFL-W19M

AFOLUX 19" Wide WXGA+ Touch Monitor

EA+ Touch Monitor

D:1 High Contrast Ratio.

19-inch Wide 16:10

Sophisticated Black High Reflection Surface



smart OSD

1000:1 High Contrast Ratio, 5ms Fast Response Time

Features

- 19" wide screen TFT LCD with resistive touch panel activated by a stylus, finger or gloved hand
- Ambient Light Sensor detects ambient light for automated screen adjustments to optimize viewing.
- Built-in speakers
- RS-232 or USB touch screen panel (Optional)
- 9~36V DC power input for mobile application (Optional)
- VESA 100 compliant for various mounting applications
- IP64 compliant plastic front panel









Software OSD Control (smartOSD)

Convenient OSD Control

Ambient Light Sensor

The AFOLUX touch monitor has a widescreen 16:10 display, supporting up to 1440x900 (WXGA+) screen resolution. The touch monitor also features high contrast and fast response time. IP64 compliance ensures protection against dust and sprayed water. Supporting both VGA and DVI video inputs makes this monitor ideal for outdoor digital signage and kiosk applications. It is ideal match for the IEI iSignager digital signage player.



1000:1 Super High Contrast ratio offers Greater Legibility







Fast moving images without any motion blur







Built in the ambient light sensor in front of the panel to automatically detect the amount of light in the viewing environment and auto-adjusts the brightness of the screen.

Benefits:

- Avoids eye strain by adjusting to the environment.
- Power saving
- Extend lamp lifetime



Day. Higher Ambient Luminance



Lower Ambient Luminance



Intelligently adjusts the screen brightness to match the ambient light in a room, ensuring a comfortable viewing experience. In a dim room, for example, the screen automatically reduces brightness to avoid straining your eyes.

Keypad











Software Control





Remote Control Monitor Setting from Software

- EDID Reading
- Image/Color/Display Setting
- Power Management
- OSD Lock/Unlock

Applications









Interactive digital signage

Digital menu boards in numerous restaurants

Video gaming machines in bars and casinos

Wide Screen Monitor **Applications**

Dual Display for Better Working Environment

Dual screen technology, suitable for industrial applications, enables one screen be used for operator entries, while other is used as display unit for process data.

ECN-171A

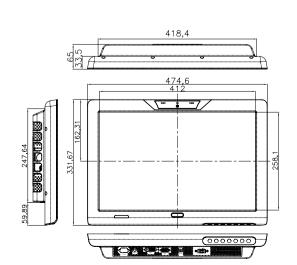
Dual-display embedded system supports up to dual analog monitors at independent or stretched resolutions.

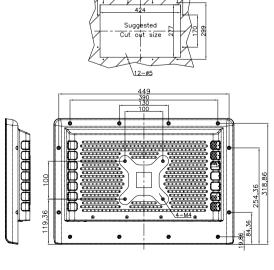
- Intel® 945GME chipset supports socket M CPU up to 34 W TPD
- 7.1 channel HD audio with HDTV output or dual VGA
- One 2.5" hard drive bay and one CompactFlash™ slot
- One PCIe mini card slot and one PCI-104 slot for expansion
- 12 VDC, 9 V~36 VDC input models available



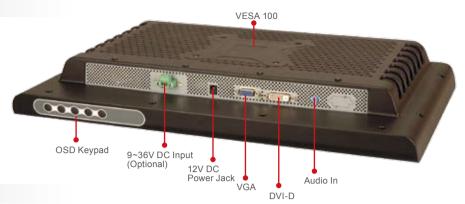


Dimensions





Fully I/O



Specifications

_				
	Model Name	AFL-W19M		
	Screen Size	19" (16:10)		
	Display Resolution	1440 x 900 (WXGA+)		
	Display Colors	16.7M		
Display	Viewing Angles (H/V)	170° / 160°		
Display	Brightness (cd/m²)	300		
	Contrast Ratio	1000:1		
	Response Tome (Tr+Tf)	5 ms		
	MTBF (Hrs)	50000		
	RS-232 for touch (Optional)	1		
	USB for touch (Optional)	1		
	DVI-D	1		
Input Connectors	VGA	1		
	12V DC Power Jack	1		
	9~36V DC Terminal Block (Optional)	1		
	Audio In	1		
	Speakers	AMP 2W + AMP 2W (Internal Speaker)		
	Ambient Light Sensor	Yes		
	Membran Keypad	LCD On/Off, Volume Up/Down, Brightness Up/Down		
0	n Screen Display Functions	Image (Brightness, Contrast ,Sharpness),Display (Auto Adjust, Phase , Clock,Displa Control) Color (Auto Color, Color Tmperature, sRGB) System (Audio, Factory Reset Information, Input select, Misc)		
	Mounting	VESA 100 mm x 100 mm		
D	imensions (W x H x D) (mm)	475 x 332 x 65		
C	Operation Temperature (°C)	0°C ~ 50°C		
	Net Weight (Kg)	6		
	Front Panel Protection	IP 64 compliant		
	Tront runer rotection	ii of compliant		

Ordering Information

Model		Description					
Fiber Glass	AFL-W19M-R10	19" 300cd/m² WXGA+ Widescreen LCD monitor with VGA and DVI-D input, plastic front panel					
	AFL-W19M/T-R-R10	19" 300cd/m² WXGA+ Widescreen LCD monitor with VGA and DVI-D input, with 19" RS-232 touch screen, plastic front panel					
Touch	AFL-W19M-USB/T-R-R10	19" 300cd/m² WXGA+ Widescreen LCD monitor with VGA and DVI-D input, with 19" USB touch screen, plastic front panel					
Screen	AFL-W19MM/T-R-R10	19" $300cd/m^2$ WXGA+ Widescreen LCD monitor with VGA and DVI-D input, $9\sim36V$ DC input, with 19" RS-232 touch screen, plastic front panel					
	AFL-W19MM-USB/T-R-R10	19" 300cd/m² WXGA+ Widescreen LCD monitor with VGA and DVI-D input, 9~36V DC input, with 19" USB touch creen, plastic front panel					

Options

Model					
Panel mounting kit	AFLPK-W19B				
Wall mounting kit	AFLWK-19				
Rack mounting kit	N/A				
ARM	ARM-11-RS / ARM-31-RS				
Stand	STAND-A19 / STAND-B19 / STAND-210-RS				

Packing List

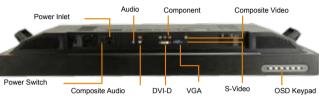
Item	Part No.	Remark
DVI cable	32000-086600-RS	Length: 180cm
VGA cable	32000-036200-RS	Length: 180cm
Audio cable	32000-036500-RS	Length: 180cm
Touch screen RS-232 Cable	32000-000098-RS	Length:180cm for RS-232 touch screen model
Touch screen USB cable	32000-045801-RS	Length:150cm for USB touch screen model
Touch pen		
User's manual CD-ROM		
60W power adapter	63000-FSP0601AD101C-RS	
Power cord	32000-089900-RS	Length: 183cm





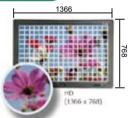
Features

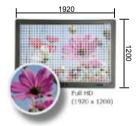
- 26" Full HD (1,920 x 1,200) resolution and 42" HD ready (1366 x 768)
- Multiple Video /Audio Inputs : VGA/DVI/Component/S-Video/Composite
- Integrated two stereo speakers
- Optional SAW touch panel with RS-232 interface
- Anti-reflection tempered Glass for added protection
- Infrared remote control (OSD) and software OSD support
- Picture-in-picture (5-position, 3-size)
- Intelligent light sensor
- VESA compliant mounting holes designed
- IP 64 front panel compliance



• High Quality Display Image

Full HD 1,080 Delivers the Finest Display Image (For 42" Monitor Series)







1500:1 Super High Contrast ratio offers Greater Legibility (For 26" / 42" Monitor Series)



178° Super Wide Viewing **Angle provides the Most Vibrant Images** (For 26" Monitor Series)





178° Super Wide Viewing

Clear Image by Low Reflection (For 26"/42" Tempered Glass Modes)

AFOLUX tempered glass series used 4 layer hard coating to reduce the sunlight reflected from the surface of the panel, increase contrast ratio and image readability even when used in outdoor.





· Reduced intensity of reflected light

No image distortionHigher contrast

Wider viewing angles

Colors are more vibrant

Decrease contrast from the side viewing

AFOLUX PPC/Monito Tempered Glass Models Less than 3% Reflection Win!

Behavior of Light Reflected by LCD Screen

Glare form Externa Reduced Reflection Light Source of Light

AR coating (2 layers) Tempered Glass

AR coating (2 layers)

iaht Senso

Intelligent Light Sensor

Intelligently adjusts the screen brightness to mach the ambient light in a room, ensuring a comfortable viewing experience. In a dim room, for example, the screen automatically reduces brightness to avoid staining your eyes.

- · Reduces cost of operation by reducing the power usage
- Extends backlight life
- Provides comfortable viewing









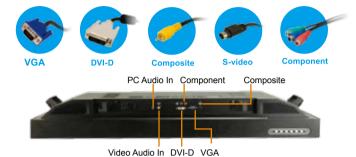


Typical Monitor

Convenience

Multiple input choices: DVI/VGA/Component/Composite/S-Video

AFL-26M/642M are highlighted by their multiple video input interfaces. The 5-in-1 input interface includes VGA,DVI-D, Component Video, Composite and S-Video video input interfaces, that easily connects to most PCs, embedded systems, DVD players and other devices and could adapt more appliance requirement.



PIP (Picture in Picture)

Toggle switches between PIP and side-by-side (aspect) from 5 video signals.

	Sub Picture							
		DVI	VGA	Component	RCA	S-Video		
	DVI-D	>	V	V	V	V		
 Main	VGA	٧	V	-	٧	V		
Picture	Component	V	-	V	V	V		
	RCA	V	V	V	V	-		
	S-Video	V	V	V	-	V		

Three Size

Five Position







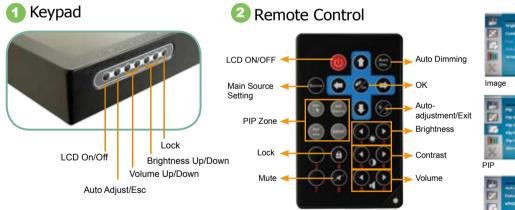






OSD Control

Intelligently adjusts the screen brightness to mach the ambient light in a room, ensuring a comfortable viewing experience. In a dim room, for example, the screen automatically reduces brightness to avoid staining your eyes.





To the control of the



Color

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Software Control



Remote Control Monitor Setting from Software

- EDID Reading
- Image/Color/Display Setting
- Power Management
- OSD Lock/Unlock
- PIP Functions

• Durable (For Tempered Glass Protection Models)

8H Stronger Protection

IEI AFOLUX tempered glass monitor's 8H hardness through strict testing is stronger than the conventional panel and therefore is able to protect the screen from damage ,offers protection solutions for a wide variety of applications.



Hardness Test (JIS-K5600) MOH's Hardness Rating

Dimond Quartz 10H Steel Knife Typical Fingernail

• Solid SAW Touch Panel (26" Monitor Optional)

Touch Screen Technology	•		
	Resistive	Surface Capacitive	SAW
Sensing method	Hand or stylus	Hand	Hand & Gloved Hand
Sensing Medium	ITO film or glass	ITO glass	Glass
Transmittance degree	80%~90%	90% above	92% above
Touch accuracy	Good	Normal	Excellent WIN!
# of touches in lifetime (mn)	35	200	100 WIN!
Strength	Waterproof, dirt-proof	Fireproof, dirt-proof, not easily scratches, Long life	Fireproof, high reliability, not easily scratches, Long life
Weakness	Easily scratched	Easily affected by EMI	



Durable SAW touch screen made of pure glass construction

• IEI Quick Mounting Technology

IEI AFOLUX tempered glass monitor's 8H hardness through strict testing is stronger than the conventional panel and therefore is able to protect the screen from damage offers protection solutions for a wide variety of applications.













	STAND-A26-R10	ARM-50-R10	WK-80-R10	CEILMT-135-R10	STAND-M100-R10
Weight Capacity	7.3–16.3 kg	< 50 Kg	< 80 Kg	< 135 Kg	<100 Kg
Monitor Swivel	0 °	20°	0 °	20 °	0 °
Swivel (Left / Right)	0 °	360 °	0 °	180 °	0 °
Pivot (Up / Down)	+25°/-5	45 °	0 °	20 °	0 °
Mounting	VESA 75mm x 75mm VESA 100mm x 100mm VESA 200mm x 100mm VESA 200mm x 200mm	VESA 75mm x 75mm VESA 100mm x 100mm VESA 200mm x 100mm VESA 200mm x 200mm	VESA 75mm x 75mm VESA 100mm x 100mm VESA 200mm x 100mm VESA 200mm x 200mm	VESA 400mm x 200mm VESA 400mm x 400mm	VESA 100mm x 100mm VESA 200mm x 100mm VESA 200mm x 200mm VESA 400mm x 200mm VESA 400mm x 400mm

Model			
26" LCD	42" LCD		
WK-80-R10			
ARM-50-R10			
STAND-A26-R10	N/A		
STAND-M100-R10			
CEILMT-	135-R10		
	26" LCD WK-80 ARM-5 STAND-A26-R10 STAND-N		

Specifications

Model Name		AFL-26M	AFL-26ME	AFL-642M	AFL-642ME			
	Screen Size	26" (16:10)	26" (16:10)	42" (16:9)	42" (16:9)			
	Display Resolution	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1366 x 768 (WXGA)	1920 x 1080 (WUXGA)			
	Colors	16.7M	16.7M	16.7M	16.7M			
Display	Viewing Angles	176(H) /176(V)	170(H) / 150(V)	178(H) / 178(V)	178(H) / 178(V)			
Display	Brightness	350	300	500	500			
	Contrast Ratio	1500:1	1000:1	1500:1	1500:1			
	Response Time (Tr+Tf)	20 ms	20 ms	20 ms	20 ms			
	Audio Output	AMP 6W + 6W	AMP 5W + 5W	AMP 10W + AMP 10W	AMP 10W + AMP 10W			
	D-Sub 15 pin video							
	DVI-D							
Input	Component							
Connectors	S-Video	1 rear						
	RCA Video Input							
	RCA Audio Left/Right Cannel							
	Audio In							
	SAW Touch Panel	Optional N/A Optional			•			
	Ambient Light Sensor	Yes Yes						
Features	OSD (On-Screen-Display) Controls			R Remote Controller				
	Software OSD Control Via VGA/DVI		es	Yes				
	PIP	Y	es		'es			
Power Source		100-240 VAC (50/60Hz) Universal						
Temperature		Operating: 0° to 40°C Storage: -10° to 50°C						
Dimensions (V	/ x H x D) (mm)	624 x 427 x 96 989 x 681 x 131			81 x 131			
Mounting		VESA 200mm x 100mm VESA 400mm x 200mm			nm x 200mm			

Options

Mounting Kits	26" LCD	42" LCD				
WALL MOUNTS	AFLWK-42					
WALL ARMS	ARMMT-26					
Stand	STAND-A26 N/A					
Ceiling Mount Kit	CEILMT-01					





Packing List

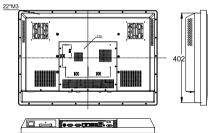
Item	Part No.	Remark
Power Cord	32000-000002-RS	Length:180cm
VGA Cable	32000-036200-RS	Length:180cm
Audio Cable	32000-036500-RS	Length:180cm
Component Extend Cable	32000-088100-RS	Length:170cm
DVI Cable	32000-086600-RS	Length:180cm for AFL-15M / 17M / 19M
User's Manual CD-ROM	7B000-000087-RS	
Remote Control	7Z000-8T00322ICP01G-RS	
Touch Screen RS-232 Cable	32000-000098-RS	Length:180cm for Touch Screen Models
Touch screen USB cable	32000-045801-RS	Length:150cm for touch screen

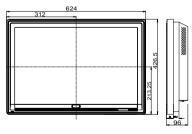
Ordering Information

		LCD	Model	Description	
	2.W.T	AFL-26M/T-S-R10	26" 350cd/m² WUXGA monitor, plastic front panel, 26" SAW touch screen, with software OSD, RoHS		
	SAW Touch AFL-26ME/T-S-R		AFL-26ME/T-S-R10	26" 300cd/m² WUXGA monitor,plastic front panel, 26" SAW touch screen,with software OSD,RoHS	
	A/R Tempered Glass	AFL-26M-R10	26" 350cd/m² WUXGA monitor, plastic front panel, with tempered glass protection, RoHS		
		A/K Tellipered Glass	AFL-26ME-R10	26" 300cd/m² WUXGA monitor, plastic front panel, with tempered glass protection, RoHS	
	SAW Touch AFL-642ME/T-S-R10		AFL-642ME/T-S-R10	42" 500cd/m² WUXGA monitor, 42" SAW touch screen, with software OSD, RoHS	
	42"	A/R Tempered Glass	AFL-642M-R10	42" 500cd/m² WXGA monitor, with tempered glass protection, with software OSD, RoHS	
			AFL-642ME-R10	42" 500cd/m² WUXGA monitor, with tempered glass protection, with software OSDRoHS	

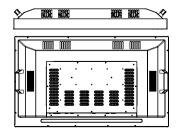
Dimensions

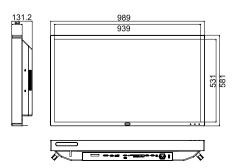






AFL-642M





Heavy Industrial Display Monitors

To meet your specific needs, IEI offers several display lines (listed below) are available from IEI to fit your versatile monitor needs:



Industrial Display Monitor

The DM series displays are flexible, durable systems that are easily integrated into a wide variety of general-purpose industrial applications including HMI, factory automation and process control.

DM Series Sizes: 6.5" to 19"



Industrial Stainless Steel Display Monitor

The ISDM series features a stainless steel frame and chassis that can resist most corrosive acids, alkaline solutions and chlorinated environments that are commonly found in processing plants. In addition, the easy cleaning ability of stainless steel makes it the first choice for strict hygiene environments such as hospitals, kitchens, abattoirs and other food processing facilities.

ISDM Series Sizes: 8.4" to 19"



Sunlight Readable Monitor

The SRM series is designed to operate in high ambient lighting conditions at 800 nits or 1000 nits of brightness within extended operating temperature ranges and is especially designed for outdoor use under direct or indirect sunlight.

SRM Series Sizes: 12.1" to 15"



Wide Temperature Display Monitor

The TDM series offers an extended operational temperature range of -30°C \sim +70°C that can tolerate temperature extremes in harsh operating environment, both indoors and out.

TDM Series Sizes: 12.1" to 15"

General Features

Support analog VGA or DVI input

DM series support both analog VGA and DVI input. DVI (Digital Video Interface) is a replacement for the P&D, Plug & Display, standard, and a step up from the digital-only DFP format for older flat panels. DVI is becoming increasingly popular with video card manufacturers, and most cards purchased include both a VGA and a DVI output port.



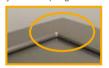
• Mmodels support 9~36V DC power input for mobile application

DM M models support 9~36V DC power input. Factories and mobile environment such as cars and engineer vehicles usually use not only 12V but also 24V DC as power source, 9~36V power input solution could adapt more appliance requirement.



• IP 65 Waterproof Aluminum front panel

IP65 standard is the highest dusty, water and oil proof level in ground usage, it absolutely prevents any micro-particle into the system from front panel, and let the system adapting harsh environment.





• Full OSD Function in the front panel

IEI DM Series with full OSD function in the front panel, users can easily configure all monitor functions by the water proof OSD function keys. When using this OSD which located in the front panel, user can change the brightness of LCD panel and extend the panel life.



 OSD lock secures your settings Pressing left and right buttons eight seconds, the OSD funtions will be locked. Press eight seconds again, the OSD functions will be unlocked.

• Hi-optical RS-232 interface touch screen

DM series provides RS-232 reserved port for touch screen. IEI DM provides T-R model with high strength Fiber Glass Touch Screen for appliances.



LCD ON/OFF

RIGHT

Auto-adjust / ESC

MENU / SELECT

POWER Indicator

1 automatic

> 2 Point of

3 Digital Signage

RISCpased Solutions

> 5 ledical olutions

DM Series

6.5"~19" IP 65 industrial monitors, Robust, Shock Resistance and OSD Funcation

1 Automation

2 Point of Service

3 Digital Signage

RISCbased Solutions

Medical Solutions

Input Voltage

OSD function

Smart OSD

Mounting

Dimension

Net Weight

1-149

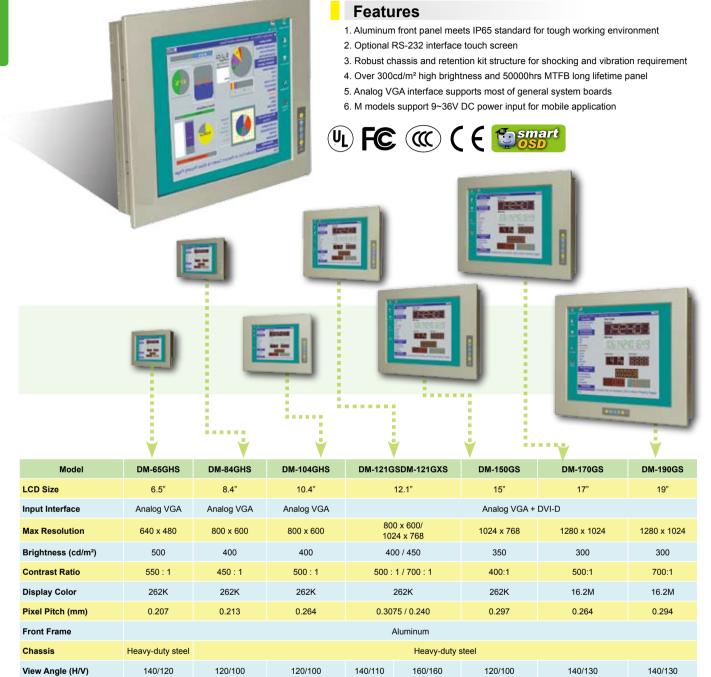
Power Adapter

(W x H x D mm)

Operating Temperature

Front Panel Protection

Color



12VDC or 9-36VDC

Wall/Panel/Rack/Arm (100x100)/Stand

410 x 309 x 55.1

6 kgs

45W, 63000-UP0451E12P81L-RS

452.0 x 356.0 x 65.2

8.6 kgs

482 x 399 x 73

10 kas

Silver

0~50°C

IP65

3.8 kgs

340 x 260 x 58

DM series-V21

Yes

244 x 178 x 49

1.8 kgs

25W, 63000-UP0251E12PL02-RS

312 x 242 x 53

3 kgs

12VDC

Yes

Wall/Arm/Din/

Panel/Rack

183 x 143 x 41

1 kg

Mounting Kits Information

	DM-65GS	DM-84GS	DM-104GS	DM-121GS	DM-150GS	DM-170GS	DM-190GS
Panel Mount Kits	PK-65M	PK-84M	PK-104M		PK-170M		PK-190M
Wall Mount Kits	WK-065MS-R10			WK-190MS-R10			
Rack Mount Kits	RK-065MS-R10	RK-084MS-R10	RK-104MS-R10	RK-121MS-R10	RK-150MS-R10	RK-170MS-R10	RK-190MS-R10
Din Mount Kits	DK-84	MS	N/A				
LCD Monitor Arm		ARM-	-11			ARM-31	
LCD Monitor Stand	STAND-100-RS/STAND-150-RS					STAND-210-RS	

Packing List

Description	Remark		
1 x AC power cable			
1 x VGA cable			
1 x 45W AC power adapter	For DM-121GS / 150GS / 170GS / 190GS series		
1 x 25W AC power adapter	For DM-65GS / 84GS / 104GS series		
1 x User manual			
1 x Power cable for terminal block	For M model only		
1 x Touch screen RS-232 Cable / Touch Pen / Driver CDROM	For T-R model		
1 x Touch screen USB Cable / Touch Pen / Driver CDROM	For USB/T-R model		

Ordering Information

Part No.		Description
	DM-65GHS/T-R	6.5" 500cd/m² High luminance VGA LCD monitor with VGA, Aluminum front panel, Silver color, W/8.4" Touch screen, RoHS
8.4"	DM-84GHS-R12/T-R	8.4" 400cd/m² High luminance SVGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen,RoHS
	DM-84GHMS-R12/T-R	8.4 " 400 cd/m² High luminance SVGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, $9\sim36$ V DC input, RoHS
10.4	DM-104GHS-R12/T-R	10.4" 400cd/m² High luminance SVGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen, RoHS
	DM-104GHMS-R12/T-R	10.4" 400cd/m 2 High luminance SVGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen, 9~36V DC input,RoHS
	DM-121GS-R11/T-R	12.1" 400cd/m² SVGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
	DM-121GMS-R11/T-R	12.1" 400cd/m² SVGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, 9~36V DC input, RoHS
	DM-121GS-USB-R11/T-R	12.1" 400cd/m² SVGA LCD monitor, Aluminum front panel, Silver color, W/12.1" USB Touch screen, RoHS
12.1"	DM-121GMS-USB-R11/T-R	12.1" 400cd/m 2 SVGA LCD monitor, Aluminum front panel, Silver color, W/12.1" USB Touch screen, 9~36V DC input, RoHS
12.1	DM-121GXS-R11/T-R	12.1" 450cd/m² XGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
	DM-121GXMS-R11/T-R	12.1" 450cd/m² XGA LCD monitor, Aluminum front panel, Silver color,W / Touch screen, 9~36V DC input, RoHS
	DM-121GXS-USB-R11/T-R	12.1" 450cd/m² XGA LCD monitor, Aluminum front panel, Silver color,W/12.1" USB Touch screen, RoHS
	DM-121GXMS-USB-R11/T-R	12.1" 450 cd/m² XGA LCD monitor, Aluminum front panel, Silver color, W/12.1" USB Touch screen, 9~36V DC input, RoHS
	DM-150GS-R11/T-R	15" 350cd/m² XGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
15"	DM-150GMS-R11/T-R	15" 350cd/m² XGA LCD monitor, Aluminum front panel, Silver color, W /Touch screen,9 \sim 36V DC input, RoHS
13	DM-150GS-USB-R11/T-R	15" 350cd/m² XGA LCD monitor, Aluminum front panel, Silver color, W/15" USB Touch screen, RoHS
	DM-150GMS-USB-R11/T-R	15" 350cd/m² XGA LCD monitor,Aluminum front panel, Silver color, W/15" USB Touch screen, 9~36V DC input, RoHS
	DM-170GS-R11/T-R	17" 300cd/m² SXGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
17"	DM-170GMS-R11/T-R	$17"300cd/m^2SXGALCDmonitor,Aluminumfrontpanel,Silvercolor,W/Touchscreen,9{\sim}36VDCinput,RoHS$
''	DM-170GS-USB-R11/T-R	17" 300cd/m² SXGA LCD monitor,Aluminum front panel, Silver color,W/17" USB Touch screen, RoHS
	DM-170GMS-USB-R11/T-R	17" 300cd/m² SXGA LCD monitor,Aluminum front panel, Silver color, W/17" USB Touch screen,9~36V DC input, RoHS
	DM-190GS-R11/T-R	19" 300cd/m² SXGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen, RoHS
19"	DM-190GMS-R11/T-R	19" 300cd/m² SXGA LCD monitor, Aluminum front panel, Silver color, W / Touch screen,9~36V DC input, RoHS
19	DM-190GS-USB-R11/T-R	19" 300cd/m² SXGA LCD monitor,Aluminum front panel, Silver color, W/19" USB Touch screen, RoHS
	DM-190GMS-USB-R11/T-R	19" 300cd/m² SXGA LCD monitor, Aluminum front panel, Silver color, W/19" USB Touch screen, 9~36V DC input, RoHS

Note: The smartOSD function is only supported by revision 11 models and above

TDM-121/150GMS

12.1"/15" Wide Range Temperature TFT LCD Monitor



Point of Service

J Digital Signage

RISCbased Solutions

Medical Solutions



Features

- 1. Wide Operating Temperature: -30°C~+70°C
- 2. 12.1" XGA High Resolution
- 3. Superior Image
- 4. M models support 9~36V DC power input for mobile application
- 5. DVI-D and Analog VGA input interface for comprehensive usage
- 6. IP 65 Compliant















Specifications

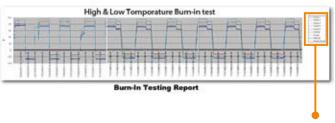
Model	TDM-121GMS-R11	TDM-150GMS-R11
LCD Size	12.1"	15"
Max Resolution (H x V)	1024 x 768 (XGA)	
Brightness (cd/m²)	450	
Contrast Ratio	700:1	
Display Color	260k	16M
View Angle (H/V)	160/160	
Pixel Pitch (mm)	0.24	0.297
Operating Temperature	-30°C ~ +70°C	
Storage Temperature	-40°C ~ +80°C	
Lamp Life Time	50000hrs	
Input Interface	Analog VGA , DVI-D	
Front Frame	Aluminum	
Chassis	Heavy-duty Steel	
OSD Function	Yes	
Smart OSD	Yes	
Input Voltage	+9~+36V DC power input	
Mounting	Wall/Panel/Rack/Arm/Stand	
Front Panel Protection	IP65 Compliant	
Net Weight	3.3kgs	6kgs
Dimension (W x H x D mm)	340 x 260 x 58	410 x 309 x 55.1

IEI Strict Design Quality Verification

Typical monitors can only be used in environments that have temperatures in the 0°C~50°C range, Extended IEI environmental testing is performed to ensure the TDM series continues to function properly over its entire service life in a wide working temperature range of -30°C to +70°C. After being tested in the -30°C to +70°C temperature range, the TDM series was found to maintain its original luminance.







Nine thermocouples record all the temperature variations during the burn-in test and the TDM monitor functions during the test.

12.1" XGA Resolution: 1024X768

The TDM-121GMS supports higher resolutions and smaller pixel pitches (0.24mm versus 0.24mm) to deliver great computer displays.





TDM-121GMS

High Brightness: 450cd/m²

With a luminance of 450 cd/m², the TDM series offer an improvement over the 250 to 300cd/m² luminance typically available with other 12.1-inch TFT LCD modules. The high-brightness feature ensures the screen content is highly visible in all lighting conditions





Normal Brightness

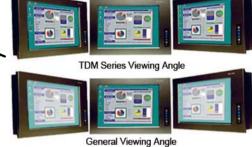
High Brightness

Wide Viewing Angles:160°

Typical small size monitors only support 130°/110° (H/V) viewing angle, but IEI TDM series can support maximum of viewing angle up to 160°/160° (H/V). Wide viewing angles let you not lose the screen brightness and possibly a change of displayed colors, when you view the monitor from the side.



TDM Series Viewing Angle (H/V) ≒160°/160°



Mounting Kits Information

	TDM-121GMS	TDM-150GMS
Panel Mount Kit	PK-170M	PK-170M
Wall Mount Kit	WK-190MS-R10	WK-190MS-R10
Stand	STAND-100-RS/STAND-150-RS	STAND-200-RS
Arm	ARM-11-RS	ARM-31-RS
Rack Mount Kit	RK-121MS-R10	RK-150MS-R10

Packing List

1 X TDM LCD monitor	1 X Screw set	
1 X Power cable for terminal block	1 X Touch Panel RS-232 Cable/Touch Pen/Driver CD-ROM (For T-R model only)	
1 X VGA cable	1 X 45W AC power adapter / AC power card (Operating Temperature : 0°C~ +40°C)	
1 X User manual on CD-ROM		

Ordering Information Note: The smartOSD function is supported by revision 11 models and above

Part No.	Description
TDM-121GMS-R11/T-R	12.1" 450cd/m² XGA LCD monitor, Aluminum front panel, W/12.1" touch screen, $9\sim36V$ input DC input, $-30^{\circ}C\sim+70^{\circ}C$ operating temperature, RoHS
TDM-121GMS-USB-R11/T-R	12.1" 450cd/m² XGA LCD monitor, Aluminum front panel, W/12.1" USB touch screen, 9~36V input DC input, -30°C ~ +70°C operating temperature, RoHS
TDM-150GMS-R11/T-R	15" 450cd/m² XGA LCD Monitor, Aluminum front panel, W/15" touch screen, 9~36V input DC input, -30°C ~ +70°C operating temperature,RoHS
TDM-150GMS-USB-R11/T-R	15" 450cd/m² XGA LCD monitor, Aluminum front panel, W/15" USB touch screen, 9~36V input DC input, -30°C ~ +70°C operating temperature,RoHS

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Display Monitor www.ieiworld.com

SRM-121/150

12.1"/15" Sunlight Readable TFT LCD Monitor

Fanless

SRM Series



With Auto-Dimming Function



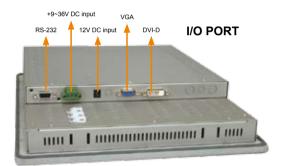












Specifications



	1-1						
Model	SRM-121GS	SRM-121XA	SRM-150GS				
Model	SRM-KIT121G	SRM-KIT121XA	SRM-KIT150G				
LCD Size	12.1"	12.1"	15"				
Max Resolution (H x V)	800 x 600 (SVGA)	1024 x 768 (XGA)	1024 x 768 (XGA)				
Brightness (cd/m²)	1000	1000	800				
Contrast Ratio	700:1	700:1	600:1				
Display Color	262k	262k	262k				
View Angle (H/V)	130°/120°	120°/120°	150°/110°				
Pixel Pitch (mm)	0.3075	0.240	0.297				
Operating Temperature		-10°C ~ +60°C					
Storage Temperature		-20°C ~ +70°C					
Lamp Life Time		50000hrs					
Input Interface		Analog VGA, DVI-I	D				
Front Frame		Aluminum					
Chassis		Heavy-duty Steel					
OSD Function		Yes					
Smart OSD		Yes					
Input Voltage	+12V[DC/+ 9 ~ +36VDC(o	ptional)				
input voitage	+12VDC						
Mounting	Wall/Panel/Rack/Arm/Stand						
Wounting	Rack						
Front Panel		IP65 Compliant					
Protection		N/A					
Power Consumption	2	25W	30W				
Net Weight	3.	3kgs	6kgs				
Dimension	340 x	260 x 58	410 x 309 x 65.2				
(W x H x D mm)	316 x 22	364.1 x 262.5 x 46					

Open Frame

SRM-KIT Series











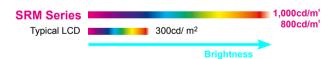


Features

- 1. 800 and 1000nits Super high brightness
- 2. Superior Fanless Design
- 3. 12.1" anti-reflection technology reduces light reflection and high transmission rate to prevent light loss or distortion
- 4. Adjustable auto-dimming function
- 5. Wide Operating Temperature:-10°C~+60°C
- 6. OSD lock secures your settings
- 7. IEI patent software OSD support
- 8. Nature Color Matrix (NCM) Technology
- 9. IP 65 Front Panel Compliant

Super High Brightness

Typical high brightness monitors usually have more than six CCFLs, but the IEI SRM monitors have super high brightness with only four CCFLs. IEI SRM panels are still readable in bright sunlight with fewer backlights and thereby not increasing power consumption or producing extra heat.



Wide Temperature Range

Extended IEI environment testing is performed to ensure the SRM series continue to function properly over its entire services life in a wide working temperature range of -10°C to +60°C in order to accommodate a diverse industrial applications such as outdoor kiosks in winter and summer.

0°C~50°C SRM Series °C ← 60°C

Conventional Operation:

Superior fanless design and low power consumption

SRM models are fanless and therefore use less power and are more silent than conventional high brightness monitors that generally use several high-speed cooling fans. SRM models use between 25W and 30W of power compared to the 40W to 50W used by conventional high-brightness monitors

Natural Color Matrix (NCM) Technology

POS terminals and kiosks often display advertisements and colorful images, the colors of which must remain vivid and faithful to the original.

The IEI SRM monitor with NCM optimization technology prevents this difference by separating color data and luminance components while controlling individual display colors for optimized performance.





How does NCM Technology work?

Input Data

R Data

R Data

G Data

B Data

R Data

G Data

B Data

B Data

B Data

R Data

G Data

B Data

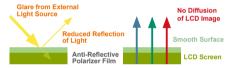
Low Reflection through Anti-Reflection Technology

Color/Brightness Individual Conversion



Outdoor applications in daylight or other bright environments require technology that can suppress surface reflection. The SRM-121GS has special AR (anti-reflection) surface treatment to prevent reflection, ensuring excellent visibility in daylight conditions.

How does Anti-Reflection Surface work?



- Reduces intensity of reflected light
- Higher contrast
- Colors are more vibrant
- No image distortion

NEW

12.1" XGA High Resolution

SRM-121XA series supports higher resolutions and smaller pixel pitches (0.24mm versus 0.24mm) to deliever great displays. Higher resolution of a high-density display allows more viewable content so that the user does not have to scroll as much to view the entire spreadsheet.

12.1" SVGA Screen Capture





XGA Higher Resolution

- Present vivid and fine display quality
- · Increase viewable content

Mounting Kits Information

	SRM-121GS	SRM-150GS			
Panel Mount Kit	PK-170M				
Wall Mount Kit	WK-190MS-R10				
Rack Mount Kit	RK-121MS-R10	RK-150MS-R10			
LCD Monitor Arm	ARM-11	ARM-31			
LCD Monitor Stand	STAND-100-RS/STAND-150-RS	STAND-210-RS			

Packing List

1 X AC Power Cable	1 X User Manual-CD ROM
1 X VGA Cable	1 X Power Cable for Terminal Block (For M model only)
1 X DVI cable	1 X Touch Screen RS-232 Cable / Touch Pen / Driver CD ROM (For T-R model only)
1 X 45W AC Power Adapter	1 X Touch Screen USB Cable / Touch Pen / Driver CD ROM (For USB / T-R model only)
1 X Screw set	

Innovative Auto-Dimming Function

IEI SRM series with auto-dimming function can adjust brightness according to ambient light, so that SRM series can job properly under different lamp house average, and outdoor environment. This function not only saves unnecessarybrightness that strains eyes strained and makes you tire but also saves energy saving.

The SRM series auto-dimming default settings can be easily customized with the OSD menu to suit any environment.

Adjustable Backlight







Adjustable Ambient Brightness





Ordering Information

Note: The smartOSD function is supported by revision 11 models and above

12.1" SVGA SRM Series

12.	I SVGA SKIVI SEI	162			
	Model	Description			
	SRM-121GS-R11/ T-R	12.1" 1000cd/m² Sun Readable SVGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D inpu w/12.1" Touch Screen, RoHS			
	SRM-121GS-USB- R11/T-R	12.1" 1000cd/m² Sun Readable SVGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/12.1" USB Touch Screen, RoHS			
V DC	SRM-121GMS- R11/T-R	12.1" 1000cd/m² Sun Readable SVGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/9~36V DC input , w/12.1" Touch Screen, RoHS			
36∨	SRM-121GMS-USB- R11/T-R	12.1" 1000cd/m² Sun Readable SVGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/9~36V DC input, w/12.1" USB Touch Screen, RoHS			

12.1" XGA SRM Series

Ì		Model	Description
		SRM-121XA-R10/T-R	12.1" 1000cd/m² Sun Readable XGA LCD Monitor,Aluminum Front Panel,Silver Color,w/VGA and DVI-D input, w/12.1" Touch Screen, RoHS
		SRM-121XA-USB- R10/T-R	12.1" 1000cd/m² Sun Readable XGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/12.1" USB Touch Screen, RoHS
Q R10		SRM-121XMA- R10/T-R	12.1" 1000cd/m² Sun Readable XGA LCD Monitor,Aluminum Front Panel,Silver Color,w/VGA and DVI-D input,w/9~36V DC input, w/12.1" Touch Screen, RoHS
		SRM-121XMA-USB- R10/T-R	12.1" 1000cd/m² Sun Readable XGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/9~36V DC input, /12.1" USB Touch Screen, RoHS

15" XGA SRM Series

13	AGA SINI Series					
	Model	Description				
	SRM-150GS-R11/ T-R	15" 800cd/m² Sun Readable XGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/15" Touch Screen, RoHS				
	SRM-150GS-USB- R11/T-R	15" 800cd/m² Sun Readable XGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/15" USB Touch Screen, RoHS				
V DC	SRM-150GMS- R11/T-R	15" 800cd/m² Sun Readable XGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/9~36V DC input , w/15" Touch Screen, RoHS				
9~36V	SRM-150GMS-USB- R11/T-R	15" 800cd/m² Sun Readable XGA LCD Monitor, Aluminum Front Panel, Silver Color, w/VGA and DVI-D input, w/9~36V DC input, w/15" USB Touch Screen, RoHS				

12.1"/15" SRM-KIT Series

٠.	1 /15 OKWI-KII O	enes
	Model	Description
	SRM-KIT121G-R11	12.1" 1000 cd/m 2 Sun Rdadable SVGA TFT LCD kit, VGA and DVI-D input, RoHS
	SRM-KIT121XA-R10	12.1" 1000 cd/m 2 Sun Rdadable XGA TFT LCD kit,VGA and DVI-D input, RoHS
	SRM-KIT150G-R11	15" 800 cd/m² Sun Rdadable XGA TFT LCD kit, VGA and DVI-D input. RoHS

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DM-84GHS

DM-170GS

DM / TDM / SRM Series Dimensions

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311.5 DM-104GS

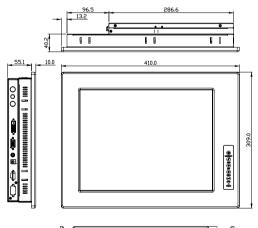
DM-65GS

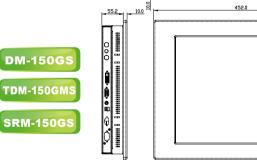
92.5 217.5 15.0 340.0

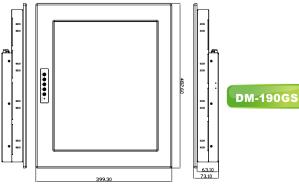
DM-121GS

TDM-121GMS

SRM-121GS







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Display Monitor www.ieiworld.com

ISDM Series

8.4" ~ 19" Stainless Steel TFT LCD Monitor





Features

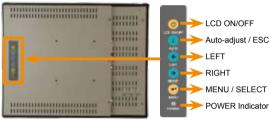
- Stainless Steel chassis & bezel features corrosion resistance and hygienic properties
- Full function OSD keys in back panel to help customers easy to control
- 3. IP 65 compliant front panel

Best solution for food, chemical and pharmaceutical industries

Stainless steel can resist corrosion in most acids, alkaline solutions, and chlorine bearing environments, properties which are utilized in process plants. In addition, the easy cleaning ability makes it the first choice for strict hygiene conditions, such as hospitals, kitchens, abattoirs and other food processing plants.

ISDM Stainless Steel Monitor





Full function OSD keys in back panel

Specifications

Note: The smartOSD function is supported by revision 11 models and above

Model	ISDM-084GH	ISDM-104GH	ISDM-121GISDM- 121GX	ISDM-150G	ISDM-170G	ISDM-190G	
LCD Size	8.4" TFT	10.4" TFT	12.1" TFT	15" TFT	17" TFT	19" TFT	
Input Interface	Analo	g VGA		Analog VGA + DVI-D			
Max Resolution	800 x 600	800 x 600	800 x 600 / 1024 x 768	1024 x 768	1280 x 1024	1280 x 1024	
Brightness (cd/m²)	450	400	400 / 450	350	300	300	
Contrast	400 : 1	500 : 1	500 : 1 / 700 : 1	400 : 1	500 : 1	700 : 1	
LCD Color	262K	262K	262K	262K	16.2M	16.2M	
Pixel Pitch (mm)	0.213	0.264	0.3075 / 0.240	0.297	0.264	0.294	
Front Frame			Stainle	ess Steel			
Chassis			Heavy-Duty Steel				
View Angle (H/V)	120/100	120/100	140/110 160/160	120/100	140/130	140/130	
Power Adapter		5W 51E12PL02-RS	45W 63000-UP0451E12P81L-RS				
OSD function			١	'ES			
Smart OSD			١	'ES			
Mounting			Stand / Panel / V	/all / Arm (100x100)			
Back Cover Color			S	ilver			
Dimension (WxHxD) (mm)	244 x 178 x 49	311.5 x 242 x 52.1	340 x 260 x 58	409.25x 308.25 x 63.2	452 x 356 x 63.2	482.6 x 399.3 x 71.6	
Operation Temperature (°C)			0~	50°C			
IP Level			IF	P 65			
Net Weight	2.3 kg	3.4 kg	4.4 kg	6.6 kg	9.2 kg	10.75 kg	

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Mounting Kits Information

	ISDM-84G	ISDM-104G	ISDM-121G	ISDM-150G	ISDM-170G	ISDM-190G			
Panel Mount Kits	PK-84M	PK-104M	PK-170M PK-190M						
Wall Mount Kits		WK-190MS-R10							
Rack Mount Kits		N/A							
Din Mount Kits			N/A	A					
LCD Monitor Arm		ARM-11 ARM-31							
LCD Monitor Stand	STA	ND-100-RS/STAND-150)-RS	RS STAND-210-RS					

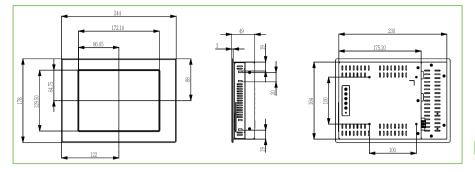
Ordering Information

Note: The smartOSD function is supported by revision 11 models and above

	Part No.	Description
8.4"	ISDM-084GHM-R12/T-R	$8.4"400\text{cd/m}^2$ High luminance SVGA LCD monitor with VGA and $9{\sim}36\text{V}$ DC input, Stainless steel front panel, W/8.4" touch screen, RoHS
0.4	ISDM-084GH-R12/T-R	$8.4"400 cd/m^2HighIuminanceSVGALCDmonitorwithVGA,Stainlesssteelfrontpanel,W/8.4"touchscreen,RoHS$
10.4"	ISDM-104GH-R12/T-R	$10.4"400\text{cd/m}^2$ High luminance SVGA LCD monitor with VGA, Stainless steel front panel, W/10.4" touch screen,RoHS
10.4	ISDM-104GHM-R12/T-R	10.4" 400cd/m² High luminance SVGA LCD monitor with VGA and 9~36V DC input, Stainless steel front panel,W/10.4" touch screen, RoHS
	ISDM-121G-R11/T-R	12.1" 400cd/m² SVGA LCD monitor, Stainless steel front panel,W/12.1" touch screen, RoHS
	ISDM-121GM-R11/T-R	12.1" 400cd/m² SVGA LCD monitor, Stainless steel front panel,W/12.1" touch screen, 9~36V DC input, RoHS
	ISDM-121G-USB-R11/T-R	12.1" 400cd/m² SVGA LCD monitor, Stainless steel front panel,W/12.1" USB touch screen, RoHS
12.1"	ISDM-121GM-USB-R11/T-R	12.1" 400cd/m² SVGA LCD monitor, Stainless steel front panel,W/12.1" USB touch screen, 9~36V DC input, RoHS
12.1	ISDM-121GX-R11/T-R	12.1" 450cd/m² XGA LCD monitor, Stainless steel front panel,W/12.1" touch screen, RoHS
	ISDM-121GXM-R11/T-R	12.1" 450cd/m² XGA LCD monitor, Stainless steel front panel,W/12.1" touch screen,9~36V DC input, RoHS
	ISDM-121GX-USB-R11/T-R	12.1" 450cd/m² XGA LCD monitor, Stainless steel front panel,W/12.1" USB touch screen, RoHS
	ISDM-121GXM-USB-R11/T-R	12.1" 450cd/m² XGA LCD monitor, Stainless steel front panel,W/12.1" USB touch screen,9~36V DC input, RoHS
	ISDM-150G-R11/T-R	15" 350cd/m² XGA LCD monitor, Stainless steel front panel,W/15" touch screen,RoHS
15"	ISDM-150GM-R11/T-R	15" 350cd/m² XGA LCD monitor, Stainless steel front panel,W/15" touch screen,9~36V DC input,RoHS
15	ISDM-150G-USB-R11/T-R	15" 350cd/m² XGA LCD monitor, Stainless steel front panel,W/15" USB touch screen,RoHS
	ISDM-150GM-USB-R11/T-R	15" 350cd/m² XGA LCD monitor, Stainless front panel,W/15" USB touch screen,9~36V DC input,RoHS
	ISDM-170G-R11/T-R	17" 300cd/m² SXGA LCD monitor, Stainless front panel, W/17" touch screen,,RoHS
17"	ISDM-170GM-R11/T-R	17" 300cd/m² SXGA LCD monitor, Stainless front panel, W/17" touch screen,9~36V DC input,RoHS
17	ISDM-170G-USB-R11/T-R	17" 300cd/m² SXGA LCD monitor, Stainless front panel, W/17" USB touch screen,RoHS
	ISDM-170GM-USB-R11/T-R	17" 300cd/m² SXGA LCD monitor, Stainless front panel, W/17" USB touch screen,9~36V DC input,RoHS
	ISDM-190G-R11/T-R	19" 300cd/m² SXGA LCD monitor with VGA and DVI-D input, Stainless steel front panel, Silver Color, W/19" touch screen, RoHS
40"	ISDM-190GM-R11/T-R	19" 300cd/m² SXGA LCD monitor with VGA and DVI-D input and $9\sim36V$ DC input, Stainless steel front panel,W/19" touch screen,RoHS
19"	ISDM-190G-USB-R11/T-R	19" 300cd/m² SXGA LCD monitor with VGA and DVI-D input, Stainless steel front panel,W/19" USB touch screen,RoHS
	ISDM-190GM-USB-R11/T-R	19" 300cd/m² SXGA LCD monitor with VGA and DVI-D input and $9\sim36V$ DC input, Stainless steel front panel, W/19" USB touch screen, RoHS

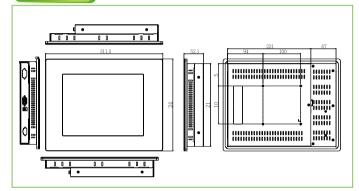
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Dimensions

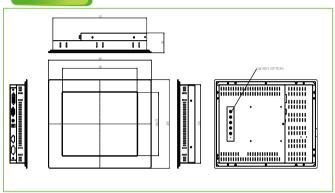


ISDM-84GH

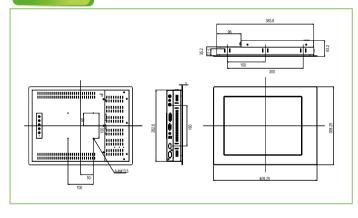
ISDM-104G



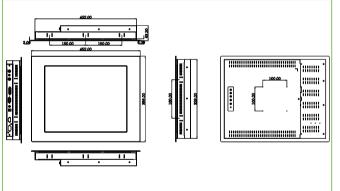
ISDM-121G



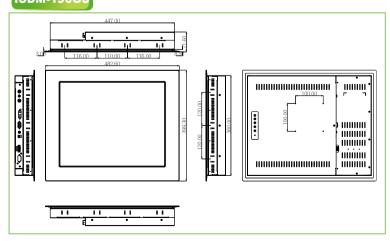
ISDM-150G



ISDM-170G



ISDM-190GS



Packing List

Packing List
Description
1 x AC Power Cable
1 x VGA Cable
1 x 45W AC Power Adapter (For ISDM-121G / 150G / 170G / 190G series)
1 x 25W AC Power Adapter (For ISDM-084GH / 104G series)
1 x User Manual
1 x Power Cable for Terminal Block (For M model ONLY)
1 x Touch Screen RS-232 Cable / Touch Pen / Driver CDROM (For T-R model ONLY)
1 x Touch Screen USB Cable / Touch Pen / Driver CDROM (For USB/T-R model)

Display Monitor www.ieiworld.com

LCD Kits Series

6.5" ~ 19" LCD Kits with OSD Function

Automation

2 Point of Service

3 Digital Signage

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Medical Solution



Features

- Robust chassis and retention kit structure for resisting shock and vibration
- Over 300cd/m² high brightness and 50000hrs MTFB long lifetime panel
- 3. Analog VGA interface supports most of general system boards
- 4. 800 and 1000 nits super high brightness available



Specifications

Note: The smartOSD function is supported by revision 11 models and above

	LCD-KIT65GH	LCD-KIT084GH	LCD-KIT104GH	LCD- KIT121GLCD- KIT121GX	LCDE-KIT150G	LCD-KIT170G	LCD-KIT190G	SRM-KIT121G SRM-KIT121XA	SRM-KIT150G
LCD TYPE	6.5" TFT	8.4" TFT	10.4" TFT	12.1" TFT	15" TFT	17" TFT	19" TFT	12.1"TFT	15"TFT
Input Interface	VGA	VGA	VGA	VGA	VGA+DVI-D	VGA+DVI-D	VGA+DVI-D	VGA+DVI-D	VGA+DVI-D
Max Resolution	640 x 480 (VGA)	800 x 600 (SVGA)	800 x 600 (SVGA)	800 x 600 (SVGA) 1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 1024 (SXGA)	1280 x 1024 (SXGA)	800 x 600 (SVGA) 1024 x 768 (XGA)	1024 x 768 (XGA)
Backlight MTBF	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs	50000Hrs
Contrast	450:1	400:1	500:1	500:1 / 700:1	400:1	500:1	700:1	700:1	600:1
LCD Color	262K	262K	262K	262K	262K	16.2M	16.2M	262k	262k
	500	450	400	400					
Brightness (cd/m²)	(High Luminance)	(High Luminance)	(High Luminance)	450 (High Luminance)	350	300	300	1000	800
AD BOARD	AV-9350	AV-5350	AV-5350	AV-5300	AV-5300	AV-5300	AV-5300	AV-5300	AV-5300
Adapter (12VDC output to LCD kit)	630	25W 00-UP0251E12PL0	2-RS	45W 63000-UP0451E12P81L-RS					
Chassis					Heavy-duty steel				
View Amele (IIAA)	4409/4209	440044000	120°/100°	140/°100°	120°/100°	1409/4209	140°/130°	130°/120°	450°/440°
View Angle (H/V)	140°/120°	120°/100°	120 / 100	160°/160°	120 /100	140°/130°	140 /130	120°/120°	150°/110°
OSD function					Yes				
Smart OSD					Yes				
Mounting	Panel								
Dimenson (W)X(H)X(D) (mm)	203.4 x 121 x 34	234 x 147 x 35.3	242.2 x 209 x 33.6	294 x 240.7 x 42	364.1 x 262.5 x 41.9	390.4 x 300 x 46.9	427.9 x 327.4 x 48.4	316 x 224.4 x 47.9	364.1 x 262.5 x 46
Operation Temperature (°C)		0°C ~ 50°C						-10°C ~	+60°C

Ordering Information

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Part No. Description 6.5" LCD-KIT65GH 6.5" 500cd/m2 High Luminance VGA TFT LCD kit, VGA input, RoHS LCD-KIT084GH-R12 8.4" 400cd/m² High Luminance SVGA TFT LCD kit, VGA input, RoHS 8.4" LCD-KIT084GHM-R12 8.4" 400cd/m² High Luminance SVGA TFT LCD kit, VGA input, 9~36 V DC input, RoHS LCD-KIT104GH-R12 10.4" 400cd/m² High Luminance SVGA TFT LCD kit, VGA input, RoHS 10.4" LCD-KIT104GHM-R12 10.4" 400cd/m2 High Luminance SVGA TFT LCD kit, VGA input, 9~36 V DC input, RoHS LCD-KIT121G-R11 12.1" 400cd/m² SVGA TFT LCD kit, VGA and DVI-D input, RoHS LCD-KIT121GM-R11 12.1" 400cd/m2 SVGA TFT LCD kit, VGA and DVI-D input, 9~36 V DC input, RoHS 12.1" LCD-KIT121GX-R11 12.1" 450cd/m2 XGA TFT LCD kit, VGA and DVI-D input, RoHS LCD-KIT121GXM-R11 12.1" 450cd/m2 XGA TFT LCD kit, VGA and DVI-D input, 9~36 V DC input, RoHS SRM-KIT121G-R11 12.1" 1000 cd/m2 Sun Rdadable SVGA TFT LCD kit, VGA and DVI-D input, RoHS LCD-KIT150G-R11 15" 350cd/m² XGA TFT LCD kit, VGA and DVI-D input, RoHS 15" 15" 350cd/m2 XGA TFT LCD kit, VGA and DVI-D input, RoHS LCD-KIT150GM-R11 SRM-KIT150G-R11 15" 800 cd/m² Sun Rdadable XGA TFT LCD kit, VGA and DVI-D input, RoHS LCD-KIT170G-R11 17" 300cd/m2 SXGA TFT LCD kit, VGA and DVI-D input, RoHS 17" LCD-KIT170GM-R11 17" 300cd/m2 SXGA TFT LCD kit, VGA and DVI-D input, 9~36 V DC input, RoHS

19" 300cd/m2 SXGA TFT LCD kit, VGA and DVI-D input, RoHS

19" 300cd/m2 SXGA TFT LCD kit, VGA and DVI-D input, 9~36 V DC input, RoHS

Note: The smartOSD function is supported by revision 11 models and above

Remark: All the 9~36V DC input models are built to order.

Dimensions

19"

LCD-KIT65G

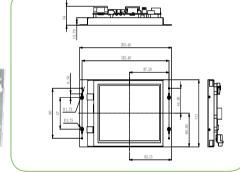
LCD-KIT190G-R11

LCD-KIT190GM-R11



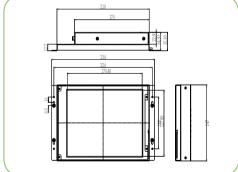










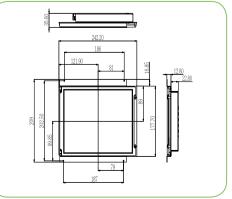






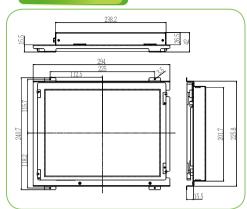




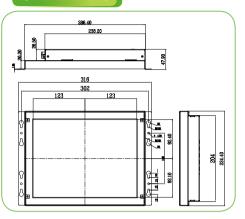




LCD-KIT121G



SRM-KIT121G

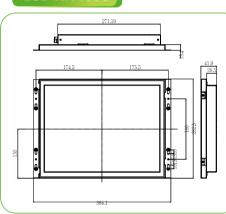




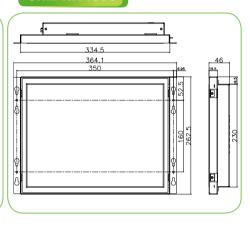




LCD-KIT150G



SRM-KIT150G



LCD-KIT170G

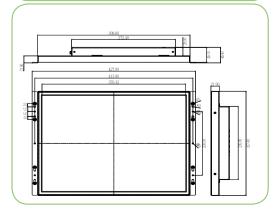




LCD-KIT190G







1 Automatic

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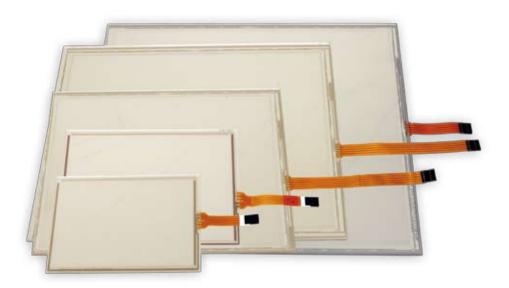
3 Digital Signage

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Touch Screen Series

6.5" ~ 19" Resistive LCD Touch Screen Kits



Features

- 1. Optical clarity: Total transmission 78 % or more
- 2. Input through a special stylus or finger 100g or less.
- 3. High reliability and durability in the field

Packing List

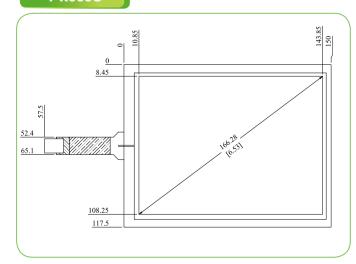
- 1 X Touch screen
- 1 X Controller board
- 1 X Touch cable
- 1 X Touch driver on CD-ROM
- 1 X RS-232 / USB cable



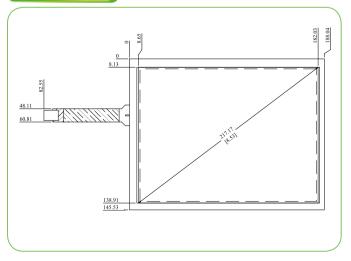
Ordering Information

Touch Screen Kit		IEI Products	Sensor
RS-232	USB		
T-R065G	T-R065G-USB	DM-65GS, LCD-KIT65G	4-Wire
T-R084G	T-R084G-USB	DM-84GS,ISDM-84G, LCD-KIT84G	4-Wire
T-R104G	T-R104G-USB	DM-104GS,ISDM-104G, LCD-KIT104G	5-Wire
T-R121G	T-R121G-USB	DM-121GS,ISDM-121G, LCD-KIT121G	5-Wire
T-R150G	T-R150G-USB	DM-150GS,ISDM-150G, LCD-KIT150G	5-Wire
T-R170G	T-R170G-USB	DM-170GS,ISDM-170G, LCD-KIT170G	5-Wire
T-R190G	T-R190G-USB	DM-190GS,ISDM-190G, LCD-KIT190G	5-Wire

T-R065G



T-R084G



1 Itomation

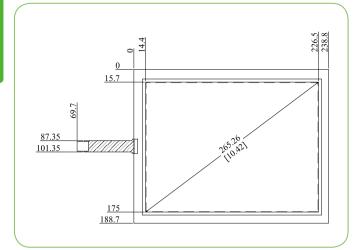
2 Point of Service

Digital Signage

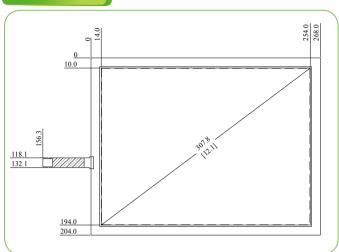
RISCbased Solutions

Medical Solutions

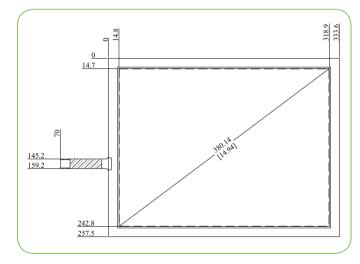
T-R104G



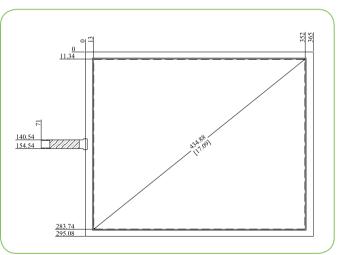
T-R121G



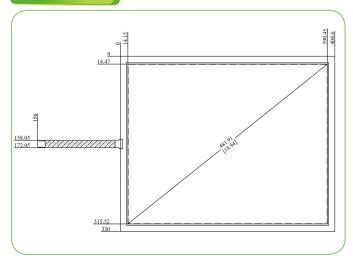
T-R150G

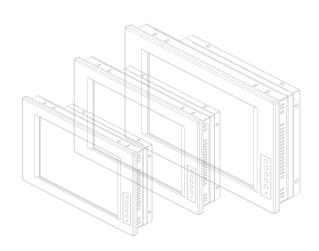


T-R170G



T-R190G





KVMA switch 5-in-1 1U Height Drawer

LKM-926G/9268G 15" LCD Monitor/ Keyboard/ Mouse/ Speak/





No special cables required, up to 8 computers connection!

No special cables required to connect up to 8 computers! Five functions: LCD monitor, keyboard, mouse, speaker and KVMA switch



KM-9268G Two self-clich prevents the keyboard from

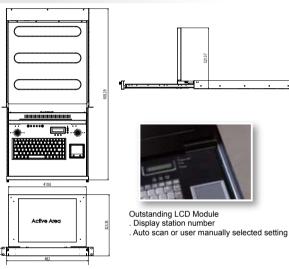
Main Features

- Outstanding LCD Module : Channel change control, auto scan control, programmable station name.
- 2. KVMA Switch : 8 port KVMA switch can be manually or automatically set via LCD module
- 3. Standard support of English version keyboard. Optional Japanese, German, French, Italian version keyboard support.
- 4. Embedded speaker can support alarm warning notice or audio application
- 5. Hot Pluggable Add or remove computers without having to power down the

Specifications

1U Heigh	nt designed to save RACK space
Computer Connections	LKM-926 series =1, LKM-9268 series = 8
LCD size	15" high brightness TFT LCD
Resolution (H x V)	1024 x 768 (XGA)
Luminance (cd/m²)	350 cd/m ²
Display Color	262K
Pixel Pitch (mm)	0.297
Contrast Ratio	400:1
View Angle (H/V)	120/100
LCD MTBF	50000 hrs
Keyboard and Key Pad	88 standard keys with stouch pad supports English, Japanese, German, French, Italian keyboard
Alarm / Audio function	Available via two internal speakers (1W, with audio on/off switch)
OSD	Built-in OSD (On screen display) for user adjustments, including H/V position, color, Size,etc
Power Adapter	45W
Color	Standard color are black (Pantone black C) or white (Pantone black 413C)
Vibration	5~17Hz, 0.1" double amplitude displacement 17~640Hz, 1.5G acceleration peak to peak
Shock	10G acceleration peak to peak (11ms)
Temperature	0°C ~ 50°C
Humidity	5-95%, non-condensing
Dimensions (WxHxD mm)	482 x 323.25 x 520
LCM	8 Port KVMA models only

Dimensions



Ordering Information

LKM-926G [C] - [L]	Single Input 15" LCD/Keyboard/Mouse/Speaker 1U drawer includes 1.1M length cable set.AC Input
LKM-926G [C] T - [L]	Single Input 15" LCD/Keyboard/Mouse/Speaker 1U drawer includes 1.1M length cable set. 48VDC input
LKM-926G [C] - [C]- [L]	Single Input 15" LCD/Keyboard/Mouse/Speaker 1U drawer includes1.1M length cable set. 24VDC input
LKM-9268G [C]-[L]	8 input 15" LCD/Keyboard/Mouse/Speaker 1U drawer, AC input
LKM-9268G [C] T-[L]	8 input 15" LCD/Keyboard/Mouse/Speaker 1U drawer, 48VDC input
LKM-9268G [C] -[C]-[L]	8 input 15" LCD/Keyboard/Mouse/Speaker 1U drawer, 24VDC input

[C] Color Code B: Black W: White

[L] Language Code EN: English, JP: Japanese, DE: German, FR: French, IT: Italian, TW: Traditional Chinese, SP: Spanish, RU: Russian

Packing List

2 x RACK Mount bracket. spcc (P/N: 41020-009501-00-RS)	2 x RACK Mount bracket. spcc (P/N: 41020-009001-01-RS)
1 x 1.8M Cable set, include VGA, Keyboard, Mouse, Audio Cable (P/N: LKM-CB18A-RS)	1 x Power supply.UP04501E-12P64L.45 watt AC/DC Adapter.90 VAC to 264 VAC, W/core (P/N:63SPU45E201-000-RS)
1 x 175cm round cable power cord (P/N: 32000-000002-RS)	

Options

LKM-CB18A-RS	1.8M cable set; includes VGA, Keyboard, Mouse and Audio cable.
LKM-CB30A-RS	3.0M cable set; includes VGA, Keyboard, Mouse and Audio cable.
LKM-CB50A-RS	5.0M cable set; includes VGA, Keyboard, Mouse and Audio cable.

Display Console www.ieiworld.com

LKM-927G/9278G 17" LCD Monitor/Keyboard/Mouse/Speaker/KVMA switch 5-in-1 1U Height Drawer

No special cables required to connect up to 8 computers!



LKM-9278GB

5-in-1 1U height Drawer! LCD monitor, keyboard, mouse ,speaker and KVMA switch

The LKM-927G and LKM-9278G LCD KVMA control units allow secure access to one or multiple computers from a single KVMA (Keyboard, video, mouse and audio) console in a system rack.

A single LKM-927G or LKM-9278G can control up to 8 computers. The LKM-927G and LKM-9278G both feature 17" LCD monitor and keyboard with built-in touchpad in a 1U rack. The five-in-one space-saving design has either one (LKM-927G) or eight (LKM-9278G) ports to be conveniently installed in 1U system rack.

Specifications

			LKM-927G	LKM-9278G		
System Connections		1	8			
	LCD Size		17"			
	Resolution		1280x1024			
	Luminance (cd/m²)		300			
LCD	Display	Color		16.7M		
Specifications	Viewing Angle (CR=10)		160°/160°			
	Contra	st Ratio		800:1		
	LCD M	TBF	5	0000 hrs		
		Keyboard	1 x PS/2 (Purple)	8 x PS/2 (Purple)		
	KVMA	Video	1 x HDB-15 Male (Blue)	8 x HDB-15 Male (Blue)		
Connectors	Port	Mouse	1 x PS/2 (Green)	8 xPS/2 (Green)		
		Speaker	1 x ø 3.5 Stereo Plug(Red)	8 x ø 3.5 Stereo Plug(Red)		
	Power		1 x IEC-320-C14 Input Inlet			
LCM Adjustm	ent		No	Yes		
Computer Po	rt Selec	tion	No	Auto-scan/Pushbutton		
	LCD Power		1 x Pushbutton			
Switch	Speaker		1 x Pushbutton			
	LCM Adjustment		No	3 x Pushbutton		
Power Consu	ımption		42 W			
Color			Black (PANTONE Black C) or White (PANTONE 413C)			
	Operat	ing Temp.	0~40°C			
	Humidi	ty	5%~85%RH			
Environment	Shock		10G acceleration peak to peak (11ms)			
	Vibration		5-17Hz, 0.1" double amplitude displacement.17-640Hz, 1.5G acceleration peak to peak.			
	Housin	g	Metal			
Physical	Weight		17kg			
Properties	Dimensions (LxWxH)		57.2 x 43.3x 4.4 cm (17"/1U)			

Packing List

Part Number	Description	Amount	
41020-009501-00-RS	Rack Mount bracket(Long)	2	
41020-009001-01-RS	Rack Mount bracket(Short)	2	
LKM-CB18A-RS	1.8M Cable Set	1	
32000-000002-RS	18.3 cm round cable power cord	1	
19600-000082-RS	Screw Set	1	
63SPU45E201-000-RS	AD/DC Power Supply (For AC input Model)	1	
63000-ACEN023T-RS	48 VDC/DC Power Supply (For 48VDC input Model)	1	
63000-ACEN023C-RS	24 VDC/DC Power Supply (For 24VDC input Model)	1	



Convenient OSD Control Buttons



Touch pad and two control buttons



Two internal Speakers with audio on/off switch



Two self-clinch prevents the keyboard from sliding in shaking

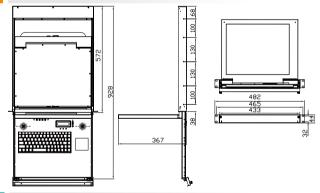


Auto-scanning, selecting and editing computer ports by LCD module control buttons

Features

- 1. Integrated KVMA console (88 key keyboard and touchpad) with 17" LCD monitor in a 1U rack maximizes space in your control center.
- 2. Supports up to 1280x1024 resolution
- 3. Wide viewing angles: 160° wide viewing angle for easy viewing
- 4. Hot-pluggable capabilities enables the addition or removal of computers without having to power down the switch
- 5. Multiple languages supported: English, Japanese, German, French, Italian, Traditional Chinese, Spanish, and Russian version keyboard supported.
- 6. Auto-scan mode: Automatically scan the port with an interval of 10 seconds so that users can monitor their activity automatically. (For LKM-9278G)
- 7. Editable station name: Allow users to name each computer station on the LCD module to easily manage every station. (For LKM-9278G)
- 8. Optional DC power input: 48 VDC or 24 VDC power input options for more mobile and server room applications

Dimensions



Ordering Information

LKM-927G [C]-[L]	Single input 17" LCD Monitor/Keyboard/Mouse/Speaker 1U Drawer with individual Monitor and Keyboard module, AC input.
LKM-927G[C]T-[L]	Single input 17" LCD Monitor/Keyboard/Mouse/Speaker 1U Drawer with individual Monitor and Keyboard module, 48VDC input.
LKM-927G[C]C-[L]	Single input 17" LCD Monitor/Keyboard/Mouse/Speaker 1U Drawer with individual Monitor and Keyboard module, 24VDC input.
LKM-9278G [C] - [L]	8 inputs 17" LCD Monitor/Keyboard/Mouse/Speaker 1U Drawer with individual Monitor and Keyboard module, AC input.
LKM-9278G[C]T-[L]	8 inputs 17" LCD Monitor/Keyboard/Mouse/Speaker 1U Drawer with individual Monitor and Keyboard module, 48VDC input.
LKM-9278G[C]C-[L]	8 inputs 17" LCD Monitor/Keyboard/Mouse/Speaker 1U Drawer with individual Monitor and Keyboard module, 24VDC input.

Note:

[C]:Color Code B: Black W: White

T:48VDC Power Input Model

C:24VDC Power Input Model

[L]:Language Code EN:English, JP:Japanese, DE:German, FR:French, IT:Italian, TW: Traditional Chinese, SP:Spanish, RU: Russian

LKM-935G/9358G 15" LCD 5-in-1 1U Height Drawer with Individual Monitor and Keyboard module



Individual for LCD display and keyboard module

Individual for LCD Display and Keyboard! Five functions: LCD monitor, keyboard, mouse, speaker and KVMA switch



Two self-clich prevents the keyboard from sliding in shaking

Main Features

- Outstanding LCD module: channel change control, auto scan control, editable station name.
- 2. KVMA switch: 8 port KVMA switch can be manually or auto-metrically set via LCD module
- 3. Standard support of English version keyboard, Option Japanese, German, French, Italian version keyboard support
- 4. Embedded within speaker specified on alarm warning notice or audio
- 5. Hot-pluggable-Add or remove computers without having to power down the
- 6. Individual Monitor and Keyboard module

Specifications

opcomodions -			
1U Height designed to save RACK space			
LKM-935 Series = 1, LKM-9358 Series = 8			
15" high brightness TFT LCD			
1024x768 (XGA)			
350 cd/m ²			
262K			
0.297			
400:1			
120/100			
50000 hrs			
88 standard keys with stouch pad supports English, Japanese, German, French, Italian keyboard			
Available via two internal speakers (1W, with audio on/off switch)			
Built-in OSD (On Screen Display) for user adjustments, including H/V position, Color, Size,etc			
45W			
Standard color are Black (Pantone black C) or White (Pantone 413C)			
5~17Hz, 0.1" double amplitude displacement 17~640Hz, 1.5G acceleration peak to peak			
10G acceleration peak to peak (11ms)			
0°C ~ 50°C			
5-95%, non-condensing			
482 x 366.5 x 536			
8 port KVMA models only			

Packing List 2 x RACK Mount bracket. spcc (P/N:

41020-009501-00-RS)
1 x 1.8M Cable Set, Include VGA,
Keyboard, Mouse, Audio Cable (P/N: LKM-
CB18A-RS)
1 x 175cm round cable nower cord (P/N):

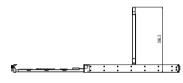
2 x RACK Mount bracket. spcc (P/N: 41020-009001-01-RS)

1 x Power supply.UP04501E-12P64L.45 watt AC/DC Adapter.90 VAC to 264 VAC, W/core (P/N: 63SPU45E201-000-RS)

32000-000002-RS)

Dimensions







No special cables required, up to 8

Ordering Information

LKM-935G[C]-[L]	Single Input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer AC Input with individual Monitor and Keyboard module	
LKM-935G[C]T-[L]	Single input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer 48VDC Input with individual Monitor and Keyboard module	
LKM-935G[C]-C-[L]	Single input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer 24VDC Input with individual Monitor and Keyboard module	
LKM-9358G [C] - [L]	8 input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer AC Input with individual Monitor and Keyboard module	
LKM-9358G[C] T - [L]	8 input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer 48VDC Input with individual Monitor and Keyboard module	
LKM-9358G[C]-C-[L]	8 input 15.1" LCD/Keyboard/Mouse/Speaker 1U drawer 24VDC Input with individual Monitor and Keyboard module	

[C] Color Code B: Black W: White

[L] Language Code EN: English, JP: Japanese, DE: German, FR: French, IT: Italian, TW: Traditional Chinese, SP: Spanish, RU: Russian

Options

-	
LKM-CB18A-RS	1.8M cable set; includes VGA, Keyboard, Mouse and Audio cable.
LKM-CB30A-RS	3.0M cable set; includes VGA, Keyboard, Mouse and Audio cable.
LKM-CB50A-RS	5.0M cable set; includes VGA, Keyboard, Mouse and Audio cable.

LKM-CBXXA