

ITM-5115

15" XGA Industrial LED Monitor with Full-Flat Resistive Touchscreen



Features

- 15" XGA LED backlight panel provides 20 ~ 30% power savings
- -20 ~ +60°C wide range operating temperature
- Easy-clean 5-wire resistive plane touch
- Combo RS-232 & USB interface for touchscreen function
- VGA & DVI interface
- Simple, elegant design with IP54 front panel protection
- Peripheral connectors in frame rail design
- Supports panel, wall, desktop, and swing-arm VESA mounting
- Optional ARK-1500-series Box PC in rear AD box for all-in-one, total solution



Introduction

ITM-5115 is a 15" LED TFT-LCD touchscreen monitor specifically designed for industrial applications. It's a stable, rugged display with VGA & DVI outputs. The simple, yet elegant flat plane design provides for easy cleaning, and the Box PC-plus-monitor option offers added flexibility.

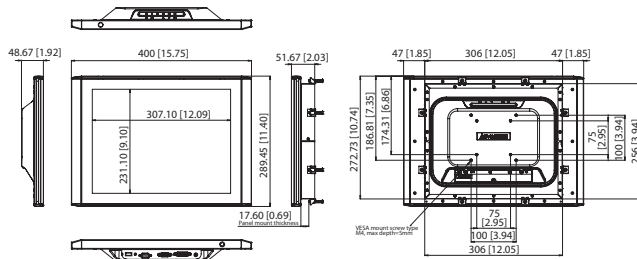
Specifications

Model		ITM-5115R-M	ITM-5115R-L	ITM-5115R-E
Display	Size	15" LED backlight panel	15" LED backlight panel	15" TFT-LCD panel
	Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
	Viewing Angle	80°/80°/80°/60°	80°/80°/80°/60°	85°/85°/80°/80°
	Brightness	400 (cd/m ²)	400 (cd/m ²)	250 (cd/m ²)
	Color Support	16.2 M / 262 K colors	16.2 M / 262 K colors	16.2 M / 262 K colors
	Contrast Ratio	700	700	700
	Response Time	8 [msec]	8 [msec]	8 [msec]
	Lamp Life (hrs)	50,000 hrs	50,000 hrs	50,000 hrs
Touchscreen	Touchscreen Type	5-Wire resistive touch window		
	Surface Hardness	3H		
	Durability	36 million touches	10 million touches	10 million touches
Environment	Operating Temperature	-20 ~ 60°C (-4 ~ 140°F)	-20 ~ 60°C (-4 ~ 140°F)	0 ~ 50°C (32 ~ 122°F)
	Storage Temperature	-30 ~ 70°C (-22 ~ 158°F)	-30 ~ 70°C (-22 ~ 158°F)	-20 ~ 60°C (-4 ~ 140°F)
	Humidity	5 ~ 95% @ 40°C, non-condensing		
	Shock	10 G peak acceleration (11 ms duration)		
	Front Panel	IP54		
System	I/O	VGA x 1; DVI-D x 1; 12 V _{DC} Jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)	I-Panel link x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to PC usage)	VGA x 1; 12 - 24 V Phoenix jack x 1; USB x 1; RS-232 x 1 (USB & RS-232 are reserved for the connection to enable touch usage only)
	OSD	Keys: Menu, Up, Down, Enter, Monitor Power on/off Menu Functions: Brightness, Volume, Contrast, Clock Phase, Horizontal Position, Vertical Position, Sharpness	Keys: Brightness Up, Brightness Down, Monitor Power on/off, PC Power on/off	Keys: Menu, Up, Down, Enter, Monitor Power on/off Menu Functions: Brightness, Volume, Contrast, Clock Phase, Horizontal Position, Vertical Position, Sharpness
	Power	DC Jack, external 60 W power adapter, with AC 100 ~ 240 V input and DC +12 V @ 5 A output	I-Panel Link, 12 V _{DC} input	Phoenix Jack, 12 - 24 V _{DC} input
	EMC Compliance	CE/FCC/CCC/BSMI		
	Safety	CB/UL/CCC/BSMI		

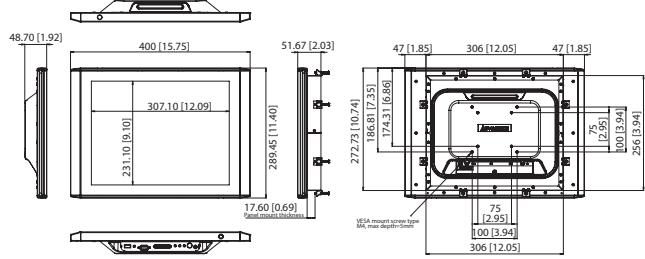
Dimensions

Unit: mm [inches]

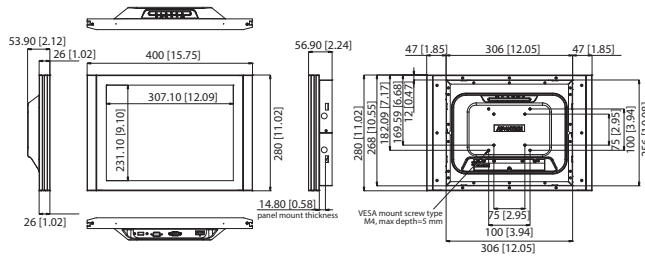
M Series



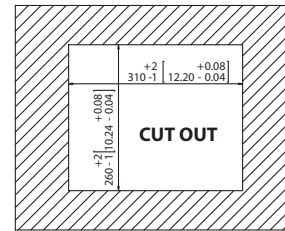
L Series



E Series



Cut Out Dimensions



Packing List

Part Number	Description
1700091800	1 x D-SUB 9P(M)/D-SUB 9P(F) 1.8 meter
1962055040	8 x panel-mount clammer
1930002205	8 x panel-mount clammer screw M4_30L
1700151801	*1 x VGA cable 15P(M) 1.8 M
1700019110	*1 x I-Panel Link cable 3.0 M
1960051804N001	1 x cable clamp
-	1 x CD-ROM for ITM series

* I-Panel Link cable is only included in ITM-5115R L series.

* VGA/D-SUB cables are only included in ITM-5115R M series & E series

Note: Package contents are subject to change without prior notice

Ordering Information

Model Name	Description
ITM-5115R-MA1E	15" XGA LED Full-Flat Touch Monitor
ITM-5115R-PA1E	15" XGA LED Touch Monitor with 164-pin golden finger docking connector to ARK-1503
ITM-5115R-LA1E	15" XGA LED Touch Monitor connected with 36-pin LVDS cable (3 M) to ARK-1503
ITM-5115R-CA1E	15" Industrial Touch Computer with Intel® Atom™ D510 Dual Core 1.66 GHz Processor
ITM-5115R-EA1E	15" XGA Full-Flat Touch Monitor

Optional Items

Part Number	Description
96STANDKIT-ITM	Stand kit
1700000243	DVI cable 2.0 M
1700002215	USB-A(M)/USB-A(M) 1.8 meter
1757003934	*Adapter AC100-240V 60W +12V/5A DPS-60PB A
1702002600	*Power cord 3P (USA)
1700000596	*Power cord 3P (China)
1700018705	*Power cord 3P (EU)
1757003659	**AC to DC Adapter, DC 19 V/3.42 A 65 W, with Phoenix power plug
1700001947	**Power cord 2P (USA)
1700001948	**Power cord 2P (EU)
1700001949	**Power cord 2P (UK)

*12V (60W/5A) Power adapter & 3P power cords are for ITM-5115R-M Series

**19V (65W/3.42A) Power adapter & 2P power cords are for ITM-5115R-E Series

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