FPM-3151G

15" XGA Industrial Monitor with Resistive Touchscreen, Direct-VGA, DVI Ports, and Wide Operating Temperature



Features

- 15" XGA TFT LED LCD with 50,000 backlight life time
- Robust anodized coated aluminum front bezel and stainless steel rear cover
- Supports wide operating temperatures
- Increase reliability by enhanced 5-wire resistive touch sensor
- Anti-glare screen with tempered glass and IP65 certified front panel
- Full enclosure ground isolation protection
- Supports VGA/DVI input, dual touch interfaces and two power inputs
- Front lockable OSD membrane keys with user-defined brightness setting
- Front panel is IP65 compliant
- Supports panel, VESA, wall and desktop stand mounting



The FPM-3151G is a extremely rugged and reliable 15" XGA wide temperature industrial monitor for various industrial applications. Equipped with a hard anodized coating, stainless steel chassis, and -20 to 60°C operating temperature, it can satisfy demands in a wide range of harsh industrial applications. This model also features enhanced 5-wire resistive touch and system ground isolation protection to enhance the reliability. FPM-3151G also provides lockable OSD keys on the front panel with two user-defined contrast/brightness settings.

Specifications

General

Button Controls
OSD control pad on front panel with lockable function
Two user-defined contrast/brightness settings

Certification
Dimensions (W x H x D) 422 x 310 x 70 mm (16.61" x 12.2" x 2.76")

• **Enclosure** Front panel: Aluminum with hard anodizing coating

Rear cover: Stainless steel Ground Isolation Protection

Mounting Panel, wall, desktop, VESA arm
Power Input Phoenix Jack: 24 V_{DC} input
DC Jack: 12 V_{DC} input

Power Consumption
Video Port
Weight (Net)
12W +20%
VGA & DVI-D Port
7.73 kg (17.04 lbs)

LCD Display

Display Type
Backlight Type
Display Size
Max. Resolution
Max. Color
Max. GRADIT
Max. GRADIT
Max. Color
Max. GRADIT
M

Viewing Angle (H/V°) 160/140
Luminance (cd/m²) 350
Backlight Life (hrs) 50,000
Contrast Ratio 700:1

Touchscreen

Driver Penmount 6000

Type 5-wire resistive with enhanced ITO film

Interface USB & RS-232 (Combo)

• Lifespan 36 million with a silicone rubber R8 finger, writing rate is by 250g at 2 times/s

■ Light Transmission > 80%

• **OS Support** Windows XP,2000,Vista,7,8/8.1,10 , XP/7/8/10

Embedded, CE, Linux

Power Consumption +5 V @ 100 mA
Touch Resolution Linearity

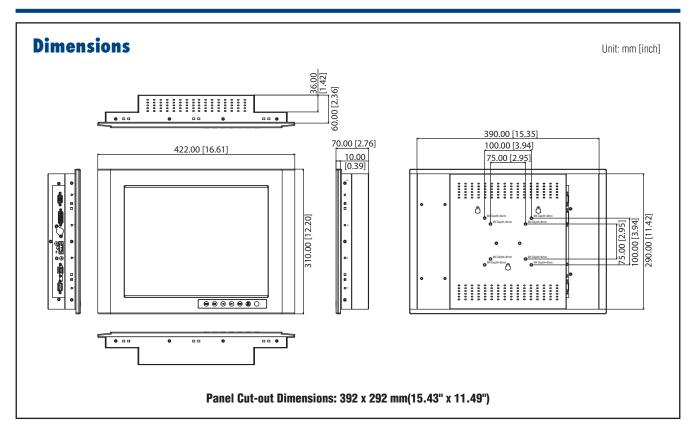
Environment

Operation Temperature -20 ~ 60°C (-4 ~ 140°F)
Storage Temperature -30 ~ 80°C (-22 ~ 176°F)
Humidity (Storage) 90% @ 50°C non-condensing
Waterproof Front panel is IP65 compliant

Shock
11ms, 10G (Non Operating, Half Sine Wave)
Vibration
5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

• FPM-3151G-R3BE 15" XGA Ind. Monitor w/ Wide Temp, Resistive TS



Optional Accessories

1702002600 Power Cable US Plug 1.8 M
1702002605 Power Cable EU Plug 1.8 M
1702031801 Power Cable UK Plug 1.8 M

1700000596 Power Cable China/Australia Plug 1.8 M
FPM-1000T-SMKE Desktop/Wall Mounting kit for FPM series
96PSA-A60W12V1-1 Adapter 100-240V 60W 12V 5A
96PSA-A60W24T2 Adapter 100-240V 60W 24V 2.5A
FPM-3001G-ADKE Adapter bracket for FPM-3000 15"/17"/19"

Rack Mount (FPM-3151G-RMKE)



