

OFW22L110-A3-5RT

21.5", 1920 x 1080 HD 1080, Open Frame Monitor with Five-Wire Resistive Touchscreen, VGA and DVI Ports



Introduction

The AIS 21.5" industrial console and Open Frame chassis-mount monitor is a fully-integrated, off-the-shelf unit (COTS) that combines high-performance touch technology, in an industrial-grade LCD panel, with a sleek front surface industrial design. AIS industrial Open Frame displays provide reliability, durability, and expected life. The rugged all steel frames and durable glass front surface provide the durability needed for demanding industrial environments. These displays are designed for point-of-sale (POS) transactions, self-service kiosk systems and industrial machinery builder applications.

Specifications

Display	
Display	21.5" diagonal, Active matrix TFT LCD
Aspect Ratio	16:9 (Widescreen)
Active/Area	476.64 (H) x 268.11 (V) mm
Native (Optimal) Resolution	1920 x 1080
General Supported Resolution	VGA 640 x 480 (60/66/70/72/75 Hz) SVGA 800 x 600 (60/70/72/75 Hz) XGA 1024 x 768 (60/70/75 Hz) SXGA 1280 x 1024 (60/70/75 Hz) WXGA+ 1440 x 900 (60/75 Hz) WSXGA 1680 x 1050 (60 Hz) 1920 x 1080 (60 Hz)
Colors	16.7M (8bits/color)
Brightness (Typical)	LCD Panel: 250 nits Resistive Touch: 200 nits
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 170° Total Vertical: 160° Total

Features and Benefits

- Long lasting product cycle for continuity thru all phases of project rollouts and servicing
- Exceptional quality and highly engineered industrial monitors
- Delivers drift-free operation with lifetime of 35 million finger touches
- All steel construction designed for harsh and industrial environments
- Easy-to-install console and Open Frame chassis-mount display
- Multiple mounting options (75 or 100mm VESA mount and side brackets)
- Accuracy in high-use applications
- Supports Windows Embedded and Linux OS

On-Screen Display (OSD)	Controls (back): menu, up, down, select, power Settings: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall
Input Video Format	Analog VGA, DVI-D
Input Video Signal Connector	Mini D-Sub 15-Pin VGA Type, DVI-D Connector, S-Video, Composite
Touch Technology	Resistive (USB (Type-B): Touch Interface)
General	
Power Consumption (Typical)	50W
Input Voltage	AC: 100-240 VAC, 50/60 Hz DC: 12.0 V±10%
MTBF	50,000 Hours Demonstrated
Mounting Options	75 or 100 mm VESA mount Rear mount or with included standard mounting brackets
Environmental Conditions	
Temperature	Operating: 0°C to 40°C (32°F to 104°F) Storage: -20°C to 60°C (-4°F to 140°F)
Humidity (Non-condensing)	Operating: 20%-80% Storage: 10%-90%
Approvals	
Approvals	CE, FCC (DOC)

Order Information

OFW22L110-A3-5RT: 21.5" Open Frame Monitor with Five-Wire Resistive Touchscreen, 1920 x 1080 HD 1080, 1000:1 contrast ratio, VGA and DVI Ports

Unit: mm

