

OF12L630-M2-5RT

12.1", 1024 x 768 XGA, Open Frame Monitor with Five-Wire Resistive Touchscreen and VGA Port



Introduction

The AIS 12.1" 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	12.1" diagonal, Active matrix TFT LCD
Aspect Ratio	4:3
Active/Area	245.76(H) x 184.32(V) mm
Native (Optimal) Resolution	1024 x 768
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)
Colors	262k/16.2M
Brightness (Typical)	LCD Panel: 500 nits Resistive Touch: 400 nits
Contrast Ratio	700:1
Viewing Angle	Horizontal: 160° Total Vertical: 140° Total
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

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 (75mm VESA mount and side brackets)
- Accuracy in high-use applications
- Supports Windows Embedded and Linux OS

Input Video Signal Connector	Mini D-Sub 15-Pin VGA Type, S-Video, Composite
Touch Technology	Resistive (USB (Type-B): Touch Interface)
General	
Power Consumption (Typical)	20W
MTBF	50,000 Hours Demonstrated
Mounting Options	75 mm VESA mount Rear mount through bezel or with included standard mounting brackets
Input Voltage	AC: 100–240 VAC, 50/60 Hz DC: 12.0 V±10%
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

OF12L630-M2-5RT: 12.1" Open Frame Monitor with with Four-Wire Resistive Touchscreen, 1024 x 768 XGA, 700:1 contrast ratio and VGA Port

Unit: mm

