

OFW22L100-M1-HB-5RT

22", 1680x1050 WSXGA, High Brightness Touch Monitor with Five-Wire Resistive Touchscreen, VGA and DVI Ports



Introduction

The AIS 22" industrial high-bright touch monitor delivers enhanced performance from a professional-grade panel, 1,000 nits brightness and 1,000:1 contrast ratio for demanding outdoor applications and environments heavy with ambient light. These are designed various applications, and excels in high ambient light environments where standard display panels could "wash-out" or look dim. This high-performance monitor withstands a wide operating temperature range and provides optimal viewing as lighting conditions change from demands of outdoor kiosks and digital signage applications.

Specifications

Display	
Display	22" diagonal, Active matrix TFT LCD
Aspect Ratio	16:10 (Widescreen)
Active/Area	473.76 (H) x 296.1 (V) mm
Native (Optimal) Resolution	1680 x 1050
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)
Colors	16.7M (8bits/color)
Brightness (Typical)	LCD Panel: 1,000 nits Resistive Touch: 800 nits
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 160° Total Vertical: 160° Total
On-Screen Display (OSD)	Controls (back): menu, up, down, select, power Settings: contrast, brightness, H/V position, RGB (color temp), clock, phase, recall

Features and Benefits

- Supports a wide high-bright range from 1,000 to 1,500 nits brightness
- The LED backlight enables optimal viewing in all lighting conditions
- Robust display technologies provide integration and design flexibility
- Delivers drift-free operation for a lifetime of 35 million finger touches
- All steel construction designed for harsh and industrial environments
- Open Frame or chassis mount display, easy-to-install
- Supports Windows Embedded and Linux operating systems

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)	60W
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

OFW22L100-M1-HB-5RT: 22" High Brightness Touch Monitor with Five-Wire Resistive Touchscreen, 1680x1050 WSXGA, 1000:1 contrast ratio, VGA and DVI Ports

Unit: mm

