

# OF19L340-A1-HB-5RT

**19", 1280 x 1024 SXGA, High Brightness Touch Monitor with Five-Wire Resistive Touchscreen, VGA and DVI Ports**



## 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

## Introduction

The AIS 19" 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	19.0" diagonal, Active matrix TFT LCD
Aspect Ratio	5:4
Active/Area	376.32 (H) x 301.056 (V) mm
Native (Optimal) Resolution	1280 x 1024
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)
Colors	16.7M (6bits+FRC)
Brightness (Typical)	LCD Panel: 1,000 nits Resistive Touch: 800 nits
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 170° 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
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)	26.7W
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

**OF19L340-A1-HB-5RT:** 19" High Brightness Touch Monitor with Five-Wire Resistive Touchscreen, 1280 x 1024 SXGA, 1000:1 contrast ratio, VGA and DVI Ports

Unit: mm

