

# CHW22L110-A3-5RT

## 21.5", 1920 x 1080 HD 1080, Chassis Monitor with Five-wire Resistive Touchscreen and VGA Port



### Introduction

The AIS 21.5" industrial chassis and VESA mount monitor is fully-integrated, off-the-shelf unit (COTS) that combines five-wire resistive touch technology, in an industrial-grade LCD flat panel, with a sleek and flat front surface industrial design. These displays provide reliability, durability, and expected longer product life. The rugged all steel frames and glass front surface provide the durability needed for demanding harsh environments. Industrial touch screen displays are designed for digital signage, kiosks, transportation depots, theme and amusement parks, airports and railroad terminals.

### 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

- Robust display technologies provide integration and design flexibility
- Exceptional quality and highly engineered industrial monitors
- Deliver drift-free operation for a lifetime of 35 million finger touches
- All steel construction designed for harsh and industrial environments
- Chassis and VESA mount display, easy-to-install
- Accuracy in high-use applications
- Supports Windows Embedded and Linux operating systems

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
MTBF	50,000 Hours Demonstrated
Mounting Options	100 mm VESA mount
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

**CHW22L110-A3-5RT:** 21.5" Chassis Monitor with Five-wire Resistive Touchscreen, 1920 x 1080 HD 1080, 1000:1 contrast ratio and VGA Port

Unit: mm

