

# OFW22T100-A1-PCT

**21.5", 1920 x 1080 HD 1080, Open Frame Multi-Touch Monitor with PCT Touchscreen, VGA and DVI Ports**



## Introduction

The AIS 21.5" industrial multi-touch monitor is a fully-integrated, commercial off-the-shelf unit (COTS) that combines high-performance Projected Capacitive Touch Technology (PCT or PCAP); in an industrial-grade LCD flat panel, with open Frame chassis mount industrial design. The PCAP industrial multi-touch displays with HMI interface provide a full range of industrial-grade units with multi-function capabilities and brilliant displays. AIS industrial multi-touch flat panel displays are designed for point-of-sale (POS) transactions, self-service kiosk systems and industrial machinery builders.

## 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 720 x 400 (70 Hz) 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
Brightness (Typical)	LCD Panel: 250 nits PCT Touch: 225 nits
Contrast Ratio	1000:1
Viewing Angle	Horizontal: 170° Total Vertical: 160° Total

## Features and Benefits

- Long lasting product cycle for continuity through all phases of project rollouts and servicing
- Easy-to-install console, Open Frame chassis-mount display
- Slim dimensions enable better enclosure designs
- Multiple mounting options (100mm VESA mount and side brackets)
- All steel construction provides rugged frame for public use environments
- Two independent touch points (with Windows 7 OS)
- Improved power efficiency and reduced consumption
- TUV, CE, UL, CUL, FCC-B, RoHS, and IPX1 approvals

On-Screen Display (OSD)	Power On/Off, Select, Down, Up, Menu Contrast, Brightness, Auto Adjust, Left / Right, Down / Up Horizontal Size, Fine, OSD Left / Right, OSD Down / Up OSD Timeout, Factory Reset, Language, RGB
Input Video Format	Analog VGA, DVI-D
Video Input Format	Video: RGB Analog 0.7V peak to peak
Video Sync Format	Separated H&V Sync. / Composite Sync. / Sync-on Green
Video Input Frequency	31.47kHz ~ 60.02kHz / 56Hz ~ 75Hz (Horizontal / Vertical)
Input Video Signal Connector	Mini D-Sub 15-Pin VGA type, DVI-D connector
Touch Technology	Projected Capacitive (USB (Type-B): Touch Interface)
Audio	1W Speaker / 2 Channels
Plug & Play	DDC 2B Compatible
General	
MTBF	50,000 Hours Demonstrated
Mounting Options	Stand / 100 x 100 mm VESA Mount
Dimensions (W x H x D)	517.4 (W) x 351.7 (H) x 62.5 (D) mm
Weight	Actual: 6.2 kg Shipping: 9.2 kg
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	TUV, CE, UL, CUL, FCC-B, RoHS, IPX1

## Order Information

**OFW22T100-A1-PCT:** 21.5" Open Frame Multi-Touch Desktop Monitor with PCT Touchscreen, 1920 x 1080 HD 1080 SXGA, 1000:1 contrast ratio, VGA and DVI Ports.

Unit: mm

