



# AMT 21.5-inch Open Frame Touch Monitor

## X-Series Industrial Grade Touch Solution

The AMT 21.5" X-Series Industrial Grade Open Frame Touch Monitor is a premier touch module designed for demanding systems including kiosks, gaming, retail self-service, and industrial automation. The X-series consists of a 21.5" Full HD wide view angle LCD panel, AMT projected capacitive (PCAP) touch panel, and a PenMount PM1715 control board built into a rugged easy-to-install chassis.



Easy to Integrate



Rubber Edge Protection



Meets IK07 Standard

### Advanced Features

- VA type LCD, high contrast ratio and wide viewing angle
- Rubber protection prevents damage during installation
- Durable one-piece molded mechanism design
- Rear VESA-mounting and side-mounting design for various applications
- Side mount bracket can be adjusted to accommodate mechanisms of varying depths.
- Powder coating, excellent texture, durable
- AMT IPC grade projected capacitive touch solution
- Anti-UV design meets ASTM G154 cycle 1 for 500 hours
- IP65 and IK07 design

### AMT Reliability & PenMount Power

The AMT PCAP touch panel features a 1.8mm glass cover lens chemically strengthened for superior impact resistance and designed to confer anti-UV properties. The PenMount PM1715 control board comes supplied with a wealth of features such as advanced noise immunity, gloved operation, water immunity, and more.

### Rugged and Adaptable Chassis

The X-series chassis mechanism is molded in one piece for extra-durability and is powder coated to a smooth finish that is scratch resistance, safe to handle, and easy to install. In addition to rear VESA mounting, the X-series mechanism is equipped with a side mount bracket that can be adjusted.

## Mechanical size



## Specification

Product Specification		
Part No.		X215A-00
Chassis	Mechanical Design	Metal housing sealed around rubber
	Dimension, WxHxD (mm)	519.0 x 314.0 x 37.0mm
LCD Panel	Size	21.5", 16:9
	Resolution	Full HD 1920x1080
	Maximum Brightness	250cd/m <sup>2</sup>
	Contrast Ratio	3000:1
	View Angle	178° vertical / 178° horizontal
Touch	Touch Panel	Chemically Strengthened Décor Glass
		Mosh 5 Surface Hardness
	IPC Grade Touch	Anti-UV Design
		Anti-Interference Design
OS of Driver Software support		Windows, Linux and Android
I/O interface on rear site		VGA, HDMI, USB(Touch), RS232(OSD), DC-in. OSD Keypad
Weight(Net)		5.04Kg
Mounting	Rear	4 Hole 100x100mm VESA rear mounting
	Side	2 Hole mounting interface on all four sides
Input Voltage		DC input 12~19V Adapter output power connector: DC barrel plug (2.5mm pin inner diameter, 5.5mm barrel outer diameter, 11mm barrel length)
Accessory		HDMI Cable, VGA Cable, Touch USB Cable, Side Mount Bracket, Screw
Option		Adapter, AC Cable, OSD Remote Control
Warranty		1 Year

Environment	
MTBF	50,000hrs demonstrated
Operating Temperature	0 ~ 50°C (32 ~ 122°F)
Storage Temperature	-20 ~ 70°C (-4 ~ 158°F)
Relative Humidity	90% RH (40°C non-Condensing)
Certification	FCC/CE/RoHS