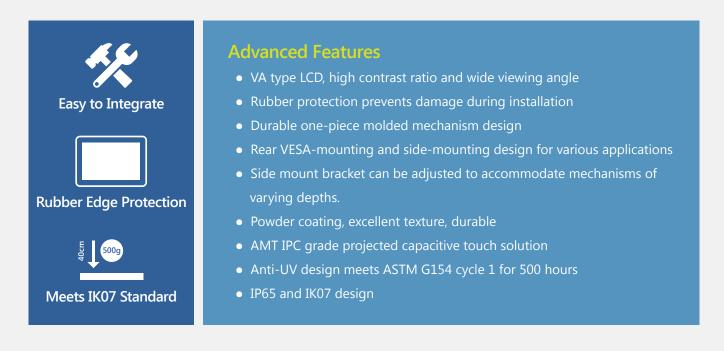# AMT

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

40cm 500g

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

314mm

519mm

37mm

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^2
	Contrast Ratio		3000:1
	View Angle		178° vertical / 178° horizontal
Touch	Touch Panel		Chemically Strengthened Décor Glass
			Mohs 5 Surface Hardness
	IPC Grade Touch		Anti-UV Design
			Anti-Interference Design
			Advanced Water Handling
OS 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

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

2019/12/03