



IP65 INDUSTRIAL TOUCHSCREEN MONITOR

AIO-W221-MX

21.5" Full HD Capacitive Industrial Touchscreen Monitor



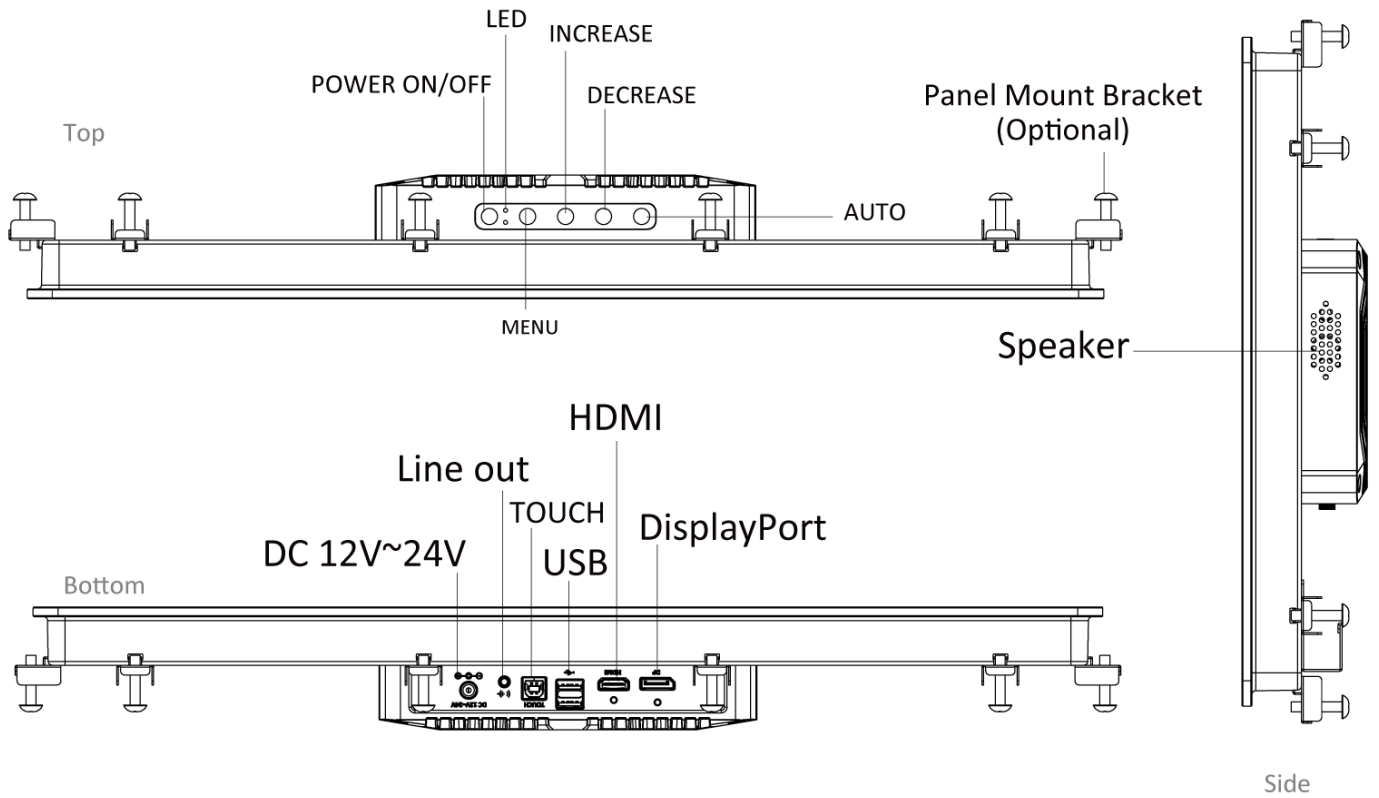
Features

- 21.5" (16:9) Full HD Capacitive Industrial Touchscreen Monitor
- Front IP65 for protection against water and dust
- Scratch Resistant 7H Glass Hardness IK07
- Versatile Display Outputs; HDMI and DP
- Anti-Glare Screen, Anti-Noise CS 10V rms
- 0°C to 50°C extended operating temperature
- MTBF 50,000 Hours
- World Class Certifications for Safety and Reliability: CE/FCC/CB/UL/UKCA/ICES

Specifications

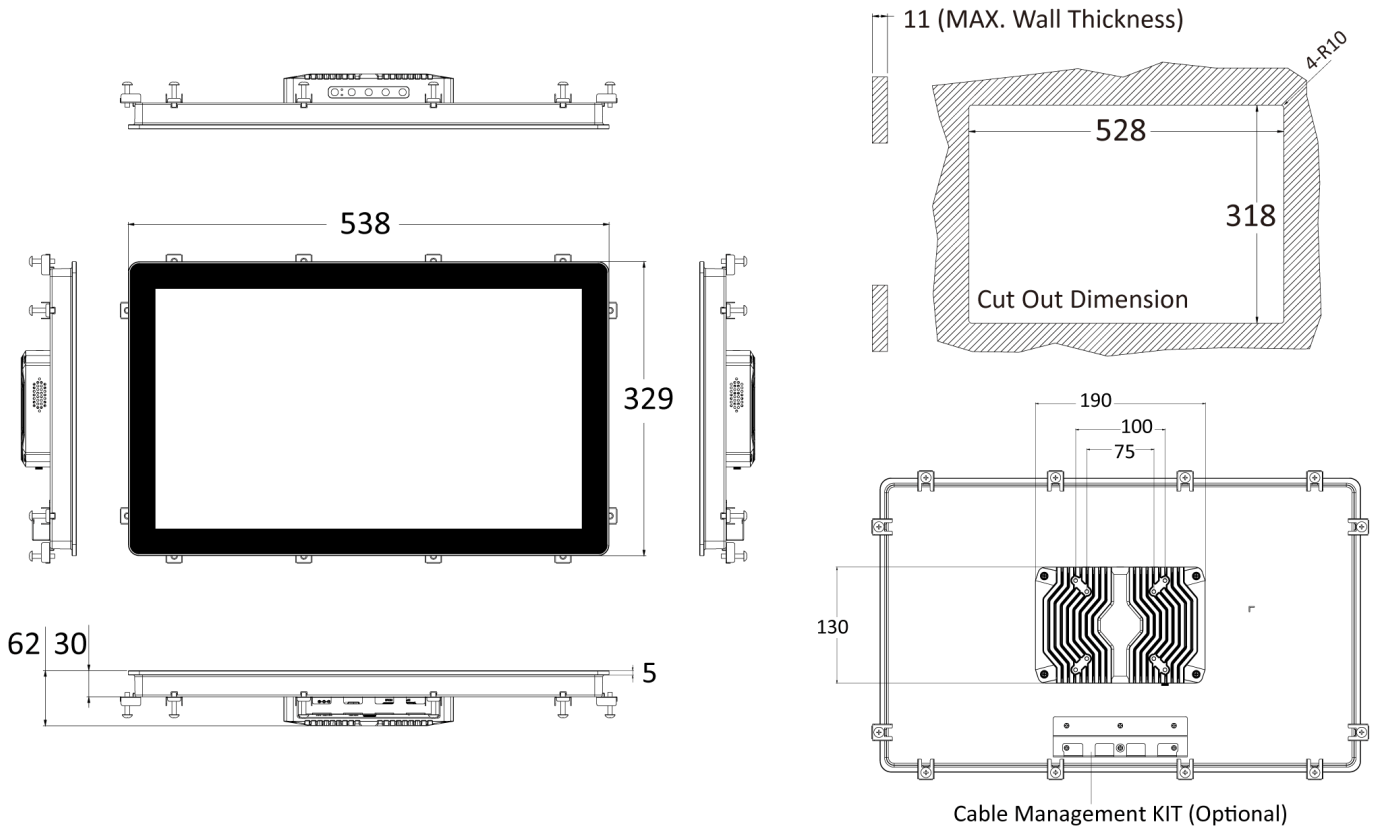
Display	
IP Rating	Front IP65
LCD Size	21.5" (16:9)
Max. Resolution	1920 x 1080 (Full HD)
Brightness (cd/m ²)	400 nits with Anti-Glare Screen
Contrast Ratio	1000:1
LCD Color	16.7M
Pixel Pitch (mm)	0.24795 (H) x 0.24795 (V)
Viewing Angle	89/89/89/89 (Typ.) (CR>=10)
Backlight MTBF	50,000 Hours (LED Backlight)
Touch	
Touch Type	Projected Capacitive Touch
Surface Hardness	7H / IK07
Multi-touch	10 point (Support Glove Mode)
Anti-noise	CS 10V rms
Interface	USB Type B
I/O	
DisplayPort	1x Display Port 1.1
HDMI	1x HDMI 1.4a
USB	2x USB 2.0 Type A 1x USB Type B for Touch
Speaker	Internal Speaker 2W+2W
OSD	On/Off, Menu, Adjust - and +, Exit
Audio	1x line-out
Power	
Power Adapter	60W with locking (12V 5A)
Power Supply Voltage	DC 12V~24V
Power Connector	DC Jack 5.5mm/2.5mm (OD/ID)
Environment	
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Relative Humidity	10% to 80% (non-condensing)
Certification	UL 62368 Ed. 3, CE, FCC Class A, CB, ICES-003, UKCA, RCM, VCCI
Vibration	3 Grms (5 - 500 Hz, 0.5 hr/axis)
Shock	20G half-sin 11ms
Physical	
Dimensions	538 (W) X 329 (H) X 62 (D) mm
Weights	5.2 kg
Mounting	VESA Mount (75mm x 75mm/100mm x 100mm) Panel Mount (optional)

External I/O Mechanical Layout



Dimension

Unit: mm



Available Models

Model No.	Description
AIO-W221-MX	21.5" Full HD Capacitive Industrial Touchscreen Monitor, 1x HDMI, 1x Display Port

Optional Accessories

Model No.	Description
1-E09A06012	Adapter Output 12V 5A 60W / Input 100-240V
1-TDPP00006	3 ft. DP-DP cable
1-THDM00008	3 ft. HDMI-HDMI cable
1-TUSB00084	3 ft. USB 2.0 Type A - Type B touch cable
1-TPWR00118	3P Terminal Block(Female) To DC Plug 5.5x2.5 With Lock_100 mm_For AIO Series
1-ND800000100	3P male dinkle connector
1-BH020C013	Screw Flat Head M3x5L SUS304 for cable-bkt
3-AI215040S10	AIO-W221 Panel Mount Bracket Kit
3-AI215080S10	AIO-W221C Cable Management KIT

Packing List

1x AIO-W221-MX Series Industrial Touchscreen Monitor
 1x Adapter 60W 12V 5A
 1x USB Cable
 1x HDMI Cable

Compliances and Standards

Shock	3 Grms (5 - 500 Hz, 0.5 hr/axis) IEC60068-2-27:2008 Designed to comply with MIL-STD-810G Method 516.7 Procedure I
Vibration	20G half-sin 11ms IEC60068-2-64:2008 Designed to comply with MIL-STD-810G Method 514.7 Procedure I
Operating Temperature	0°C to 50°C IEC60068-2-1:2007 (Cold test procedure) IEC60068-2-2:2007 (Dry heat test procedure) IEC60068-2-3:2007 (Damp heat, steady state, test procedure) IEC60068-2-14:2009 (Wide temperature range thermal shock)
EMC	- FCC Class A (47 CFR part 15.109 and part 15.107) - CE - ICES-003 - UKCA - Industrial EMC Compliance - EN 61000-4-2: 2009 - EN IEC 61000-4-3: 2020 - EN 61000-4-4: 2012 - EN 61000-4-5: 2014 +A1: 2017 - EN 61000-4-6: 2014
Safety	- UL Safety: UL62368-1, 3rd Ed., (cULus) - Test procedure: CB Scheme - Standard: IEC 62368-1:2018
Environmental Compliance	- RoHS 3 (2015/863/EU) - REACH