IP65 INDUSTRIAL TOUCHSCREEN MONITOR

AIO-W221-MX

21.5" Full HD Capacitive Industrial Touchscreen Monitor



Features

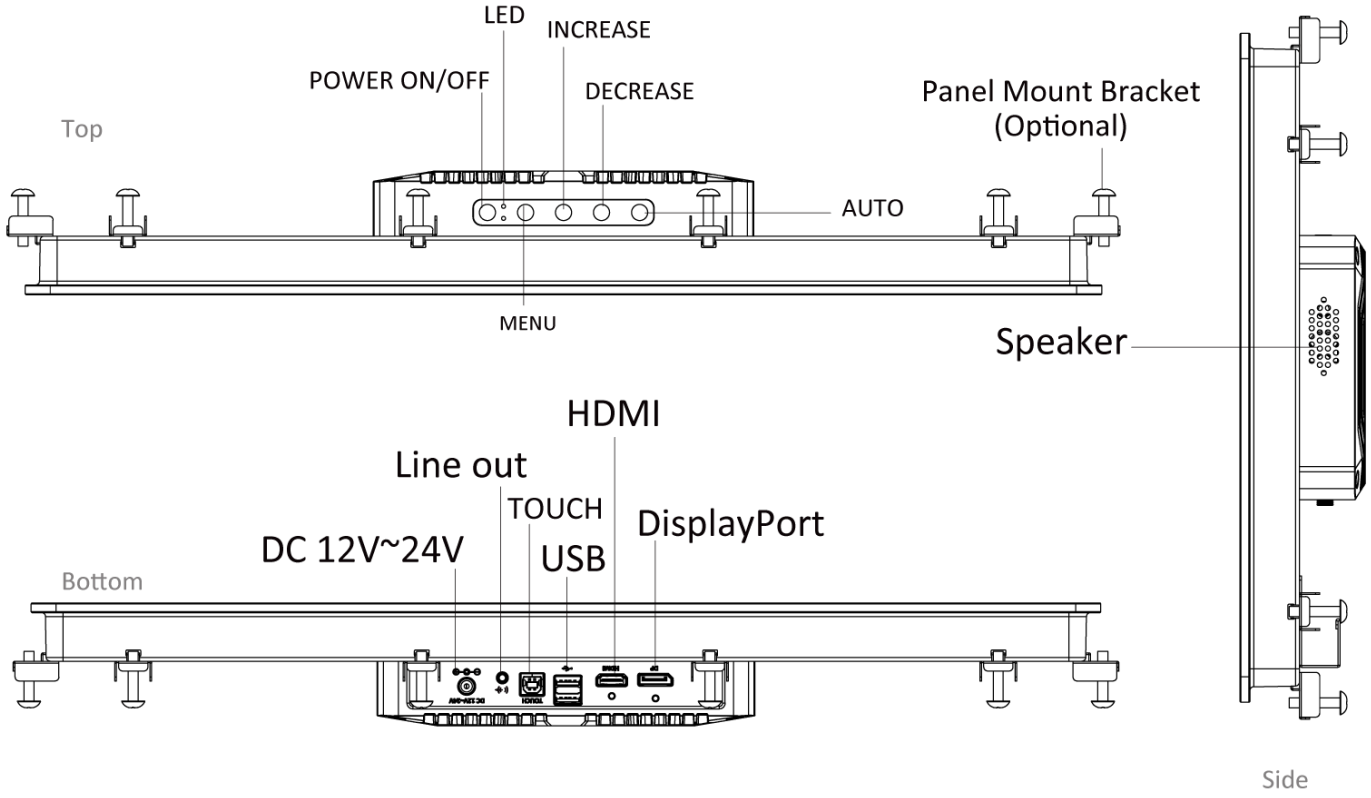
- 21.5" (16:9) Full HD Capacitive Industrial Touchscreen Monitor
- Front IP65 for protection against water and dust
- Scratch Resistant 7H Glass Hardness IK07
- Versatile Display Outputs; HDMI and DP
- Anti-Glare Screen, Anti-Noise CS 10V rms
- 0°C to 50°C extended operating temperature
- Backlight lifetime 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 Lifetime	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)

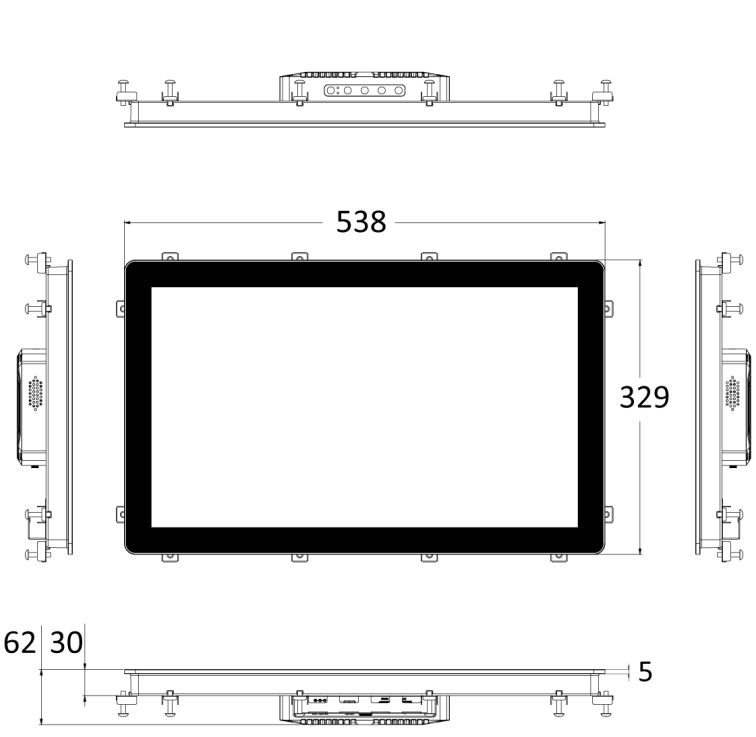
* All specifications and photos are subject to change without notice.

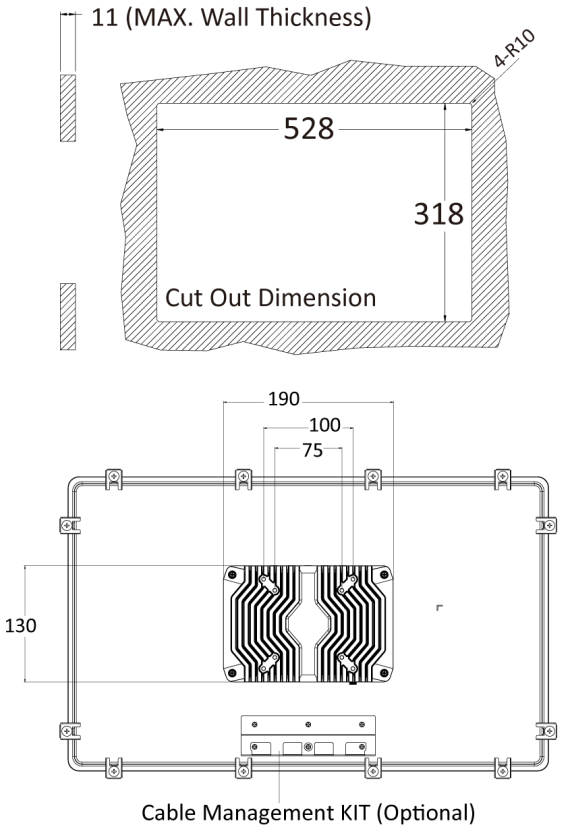
External I/O Mechanical Layout



Dimension

Unit: mm





Compliances and Standards

Shock	3 Grms (5 - 500 Hz, 0.5 hr/axis) IEC60068-2-27:2008 Designed to comply with MIL-STD-810H Method 516.8 Procedure I
Vibration	20G half-sin 11ms IEC60068-2-64:2008 Designed to comply with MIL-STD-810H Method 514.8 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: UL 62368-1, 3rd Ed., (cULus) • Test procedure: CB Scheme • Standard: IEC 62368-1:2018
Environmental Compliance	• RoHS 3 (2015/863/EU) • REACH

Available Models

Model No.	Description
AIO-W221-MX-P	21.5" Full HD Capacitive Industrial Touchscreen Monitor, 1x HDMI, 1x Display Port, w/ Power Adapter
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-TPWR00197	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-AI215041S10	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 (selected models only)
1x USB Cable
1x HDMI Cable

US Exports And Tariff Codes

ECCN	5A992.c
HTS	8471.50.0150
Schedule B	84.71

Premio Inc.
918 Radecki Ct., City of Industry
CA 91748, United States
Toll Free: 800.977.3646

Premio Taiwan Inc.
18F, No.176, Jianyi Road, Zhonghe District,
New Taipei City 235603, Taiwan
Toll Free: 886.2.7731.7888

Email: sales@premioinc.com
Website: https://premioinc.com