premio

AIO-W210-MX

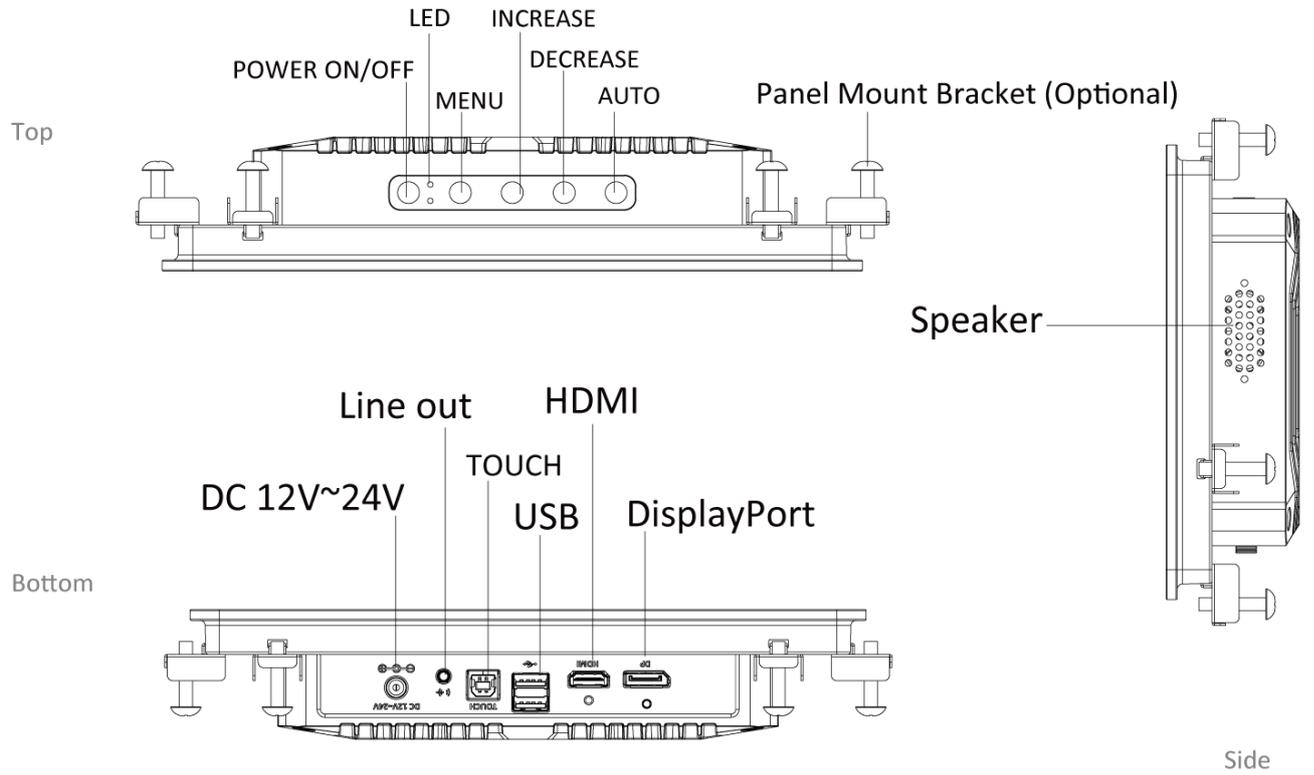**10.1" WXGA Capacitive Industrial Touchscreen Monitor**

Features

- 10.1" (16:10) WXGA 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-Noise CS 10V rms
- -10°C to 50°C extended operating temperature
- MTBF 30,000 Hours
- World Class Certifications for Safety and Reliability: CE/FCC/CB/UL/UKCA/ICES-003
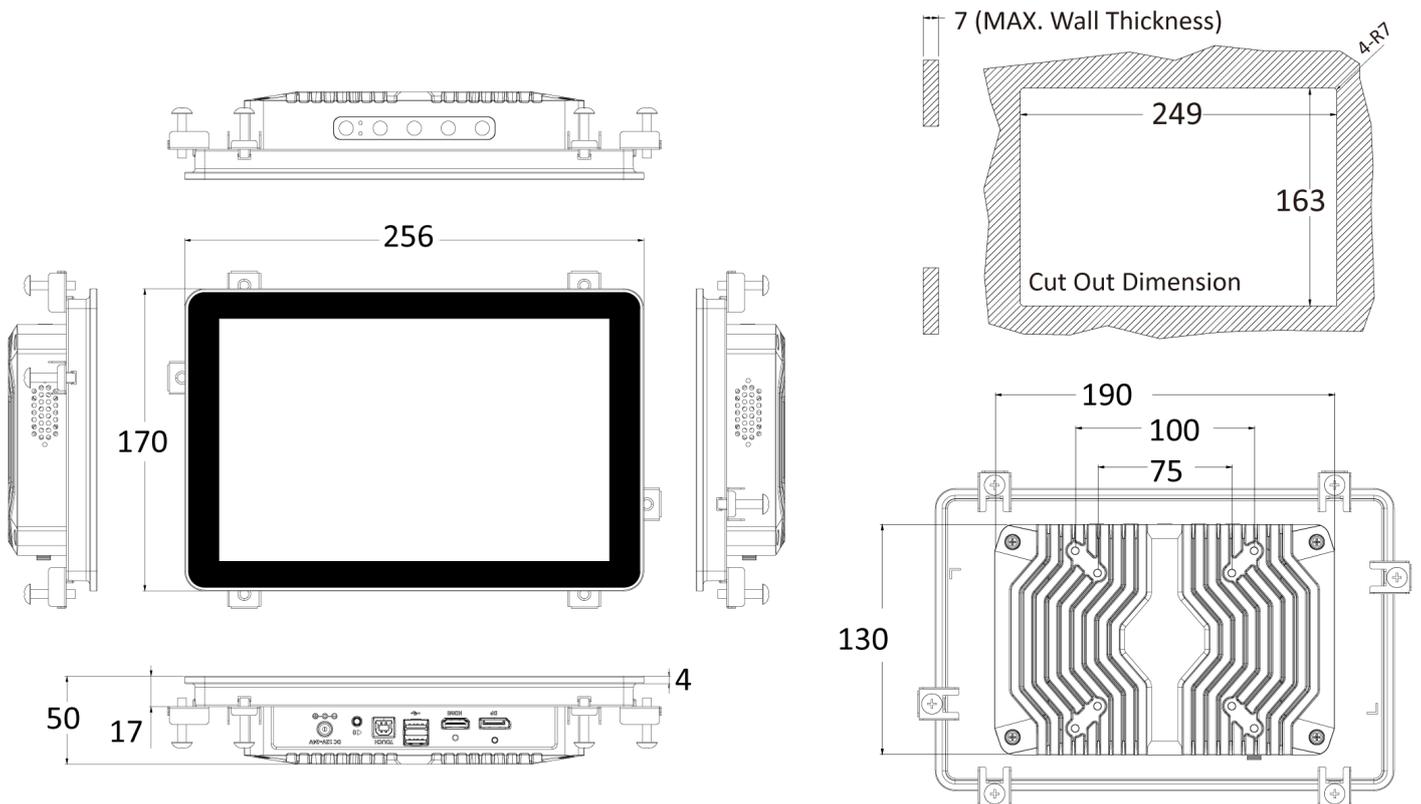
Specifications

Display

IP Rating	Front IP65
LCD Size	10.1" (16:10)
Max. Resolution	1280 x 800 (WXGA)
Brightness (cd/m^2)	400 nits
Contrast Ratio	800:1
LCD Color	16.7M
Pixel Pitch (mm)	0.169(H) x 0.1695(V)
Viewing Angle	89/89/89/89 (Typ.) (CR>=10)
Backlight MTBF	30,000 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	-10°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	256 (W) x 170 (H) x 50 (D) mm
Weights	1.4 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

Top

POWER ON/OFF
LED
INCREASE
DECREASE
MENU
AUTO
Panel Mount Bracket (Optional)

Speaker

Line out
HDMI
TOUCH
DC 12V~24V
USB
DisplayPort

Bottom

Side

Dimension

Unit: mm

7 (MAX. Wall Thickness)

4-R7

249

163

Cut Out Dimension

256

170

50   17

4

190

100

75

130

Available Models

Model No.	Description
AIO-W210-MX-P	10.1" WXGA Capacitive Industrial Touchscreen Monitor

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
3-AI101040S10	AIO-W210 Panel Mount Bracket Kit

Packing List

1x AIO-W210-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	-10°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

Exports And Tariff Codes

ECCN	5A992.c
HTS	8528.52.0000
ScheduleB	84.71