

ARCDIS-112AP/R/G(H)

12.1" Front Panel IP66 Aluminum Die-casting Display

Industrial Panel PC

HMI Controller

Industrial Display Monitor

Box PC



Features

- Industrial Display
- Flat front panel touch screen
- Fanless design
- Wide range DC 9~36V power input
- IP66 compliant front panel
- VGA/DVI-D/HDMI/DP input
- System power LED light
- High Brightness LCD and Auto Dimming for option
- Support protective AR glass for option (non-touch version)



Specifications

I/O Port	
VGA	1 x VGA
DVI	1 x DVI-D (share with HDMI)
DP	1 x DP
HDMI	1 x HDMI (share with DVI-D)
Audio	1 x Audio line-in phone jack
OSD Control Membrane	OSD at rear side
Power	1 x 3-pin terminal block for DC 9~36V power input
Others	1 x USB type B for touch control Optional I/O: 1 x Speaker 1 x RS-232 DB-9 for Touch Control

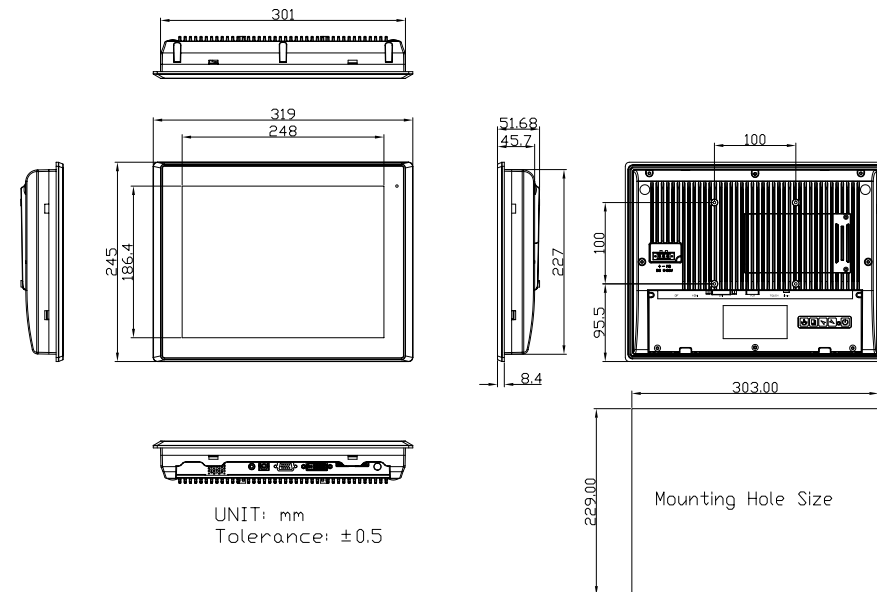
Display	Standard		High Brightness Optional	
	default	optional	default	optional
Display Type	12.1" TFT-LCD		12.1" TFT-LCD	
Max. Resolution	800 x 600	1024 x 768	800 x 600	1024 x 768
Max. Color	16.7M	16.2M	16.7M	16.2M
Luminance (cd/m ²)	450	500	1000	1000
View Angle	176(H)/176(V)	178(H)/178(V)	176(H)/176(V)	178(H)/178(V)
Contrast	1000:1	1000:1	1000:1	1000:1
Backlight Lifetime	50,000 hrs	30,000 hrs	50,000 hrs	70,000 hrs

Touch Screen	
Type	Resistive Touch (for AR Model) Projected Capacitive Touch (for AP Model) Glass (for AG model)
Interface	USB default (Resistive / Projected Capacitive Touch) RS-232 Option (Resistive Touch)
Light Transmission(%)	Resistive Touch : over 80% Projected Capacitive Touch : over 90%

Power	
Power Input	DC 9~36V
Power Consumption	ARCDIS-112AP: 9W (MAX)

Mechanical	
Construction	Aluminum Die-casting Chassis
Mounting	Panel Mount / VESA Mount 100 x 100
IP Rating	IP66 Compliant Front Panel
Dimensions (WxHxD)	319 x 245 x 51.68 mm
Net Weight	2.6 kg

Dimensions



Environmental	
Operating Temperature	0~50°C / -20~60°C for option
Storage Temperature	-30~70°C
Humidity	10 to 95% @ 40°C, non-condensing
Certificate	CE/FCC, Class A

Ordering Information	
ARCDIS-112AR	12.1" SVGA FPD Industrial display, Resistive touch window, VGA, DVI-D, HDMI, and DP input, 5 keys Rear OSD, DC 9~36V power input with adapter, Aluminum Die-casting Chassis
ARCDIS-112AP	12.1" SVGA FPD Industrial display, Projected Capacitive touch screen, VGA, DVI-D, HDMI, and DP input, 5 keys Rear OSD, DC 9~36V power input with adapter, Aluminum Die-casting Chassis

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