



Features

- Industrial Display
- Flat front panel touch screen
- Fanless design
- Wide range DC 9~36V power input
- IP66 compliant front panel / IP69K (option)
- 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
DP	1 x DP
HDMI	1 x HDMI
Audio	1 x Audio line-in phone jack
OSD Control Membrane	OSD on rear side On board controller, extendable key pad from connector
Power	1 x 3 pins terminal block for DC power input
Others	1 x USB type A for touch control Optional I/O: 1 x Speaker 1 x RS-232 DB-9 for touch control

Standard LCD	
Display Type	21.5" TFT-LCD
Max. Resolution	1920 x 1080
Max. Color	16.7M
Luminance (cd/m²)	250
View Angle	178 (H) / 178 (V)
Contrast Ratio	3000:1
Backlight Lifetime	30,000 hrs

High Brightness LCD (option)	
Display Type	21.5" TFT-LCD
Max. Resolution	1920 x 1080
Max. Color	16.7M
Luminance (cd/m²)	1000
View Angle	178 (H) / 178 (V)
Contrast Ratio	3000:1
Backlight Lifetime	50,000 hrs

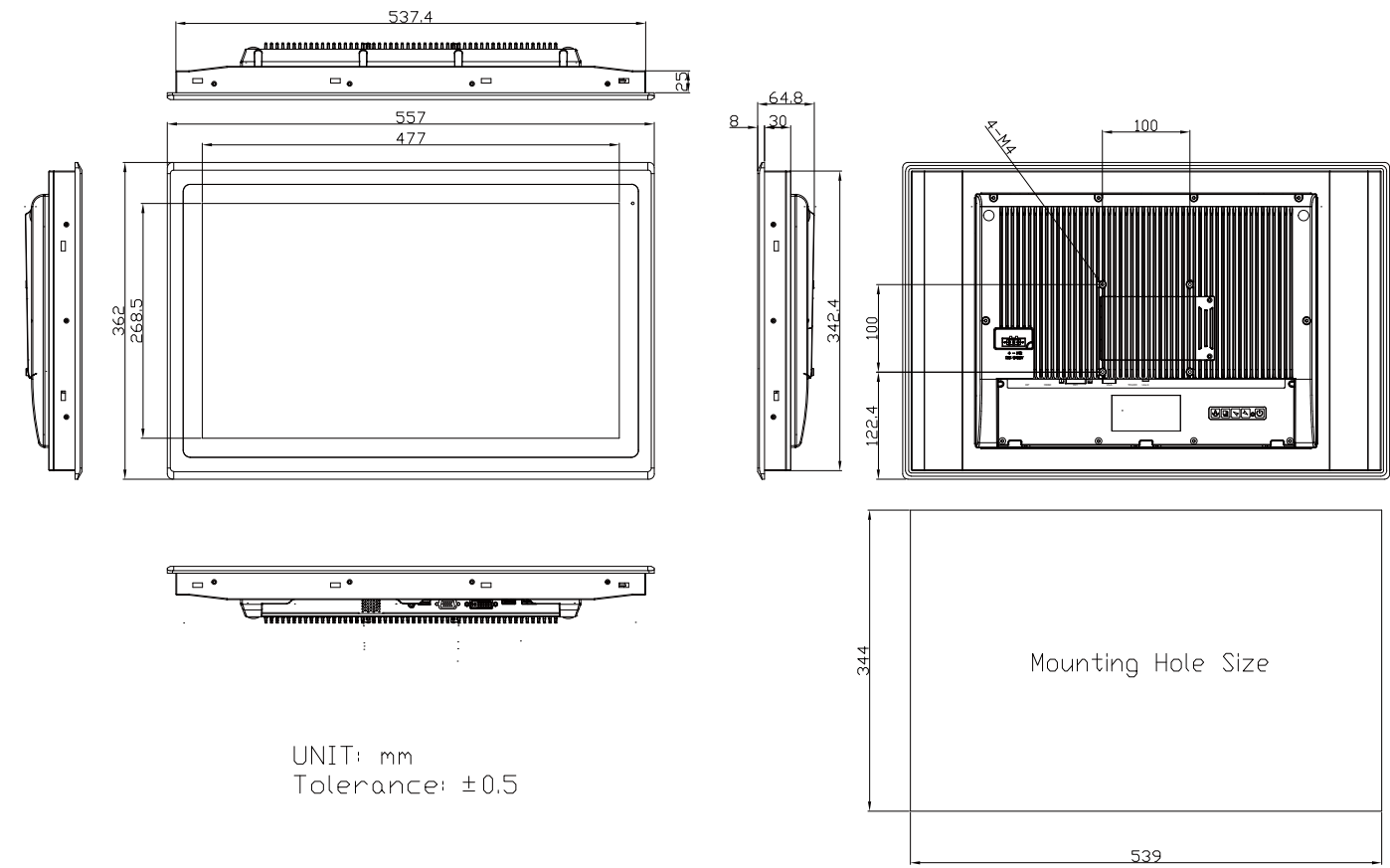
Power	
Power Input	DC 9~36V
Power Consumption	MAX: 18.3W (121AR) MAX: 24.9W (121AP)

Touch Screen – Resistive Touch Window Type (Default)	
Interface	USB default RS-232 for option
Light Transmission	Over 80%

Touch Screen – Projected Capacitive Type (Option)	
Interface	USB
Light Transmission	Over 90%



Dimension



UNIT: mm
Tolerance: ±0.5

Mechanical	
Construction	Aluminum chassis
Chassis Color	RAL 9007
Mounting	Panel Mount / VESA Mount 100 x 100
IP Rating	IP66 compliant front panel / IP69K (option)
Dimension	557 x 362 x 64.8 mm
Net Weight	7.6 Kg

Environmental	
Operating Temperature	0~50°C / 0~40°C only for High Brightness model: ARCDIS-121APH/ARCDIS-121ARH
Storage Temperature	-30~70 °C
Storage Humidity	10 to 90%@ 40°C, non-condensing
Certificate	CE/FCC Class A

Ordering Information	
ARCDIS-121AR-01	21.5" FHD 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 Chassis
ARCDIS-121AP-01	21.5" FHD 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 Chassis