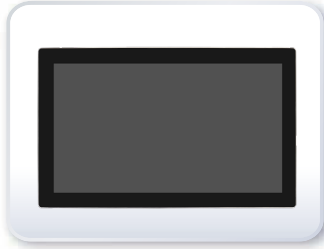# ASSURED Q
SYSTEMS

PhanTAM-121AP(H) 21.5" IP66 / IP69K True Flat and Slim Design Stainless Steel Display

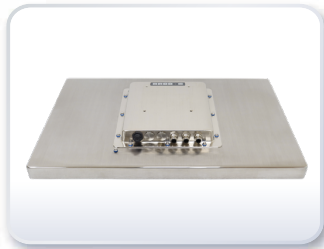| Industrial Panel PC | HMI Controller | Industrial Display Monitor | Box PC |

Features

- 21.5" Fanless Stainless Steel Display
- IP66/69K Full Sealed with Anti-Corrosion Enclosure
- Ultra Slim Front Frame Design
- Special Hygienic Bolts on Rear Case
- M12 Connectors with Waterproof Cover
- DC 24V Power Input

Specifications

IO Port

VGA	1 x M12 12-pin for VGA with waterproof cover
HDMI	1 x W.F. Micro-HDMI with waterproof cap
USB	1 x M12 8-pin for USB Touch with waterproof cover
OSD Control Membrane	OSD on the rear side
Power Connector	1 x M12 3-pin for DC power with waterproof cover

Display

Display	Standard	High Brightness Optional
Display Type	21.5" TFT-LCD	21.5" TFT-LCD
Max. Resolution	1920 x 1080	1920 x 1080
Max. Color	16.7M	16.7M
Luminance (cd/m^2)	250	1000
View Angle	178(H) /178(V)	178(H) /178(V)
Contrast	1000:1	3000:1
Backlight Lifetime	50,000 hrs	30,000 hrs

Touch Screen

Type	Projected Capacitive Touch
Interface	USB
Light Transmission(%)	90%

Power

Power Input	DC 24V
Power Consumption	PhanTAM-121AP: 14.7W (MAX)

Mechanical

Construction	304 Stainless steel chassis (default), 316 Stainless steel chassis (optional)
Mounting	VESA Mount 100 x 100, Swing ARM (optional)
IP Rating	Total IP66/IP69K
Dimensions	540.4 x 332.4 x 61.5 mm
Net Weight	7.6 kg

Environmental

Operating Temperature	0~50°C (WT1: -20~60°C for optional)
Storage Temperature	-30~70°C
Humidity	10 to 90% @ 40°C, non- condensing
Certificate	CE/FCC Class A

Dimensions
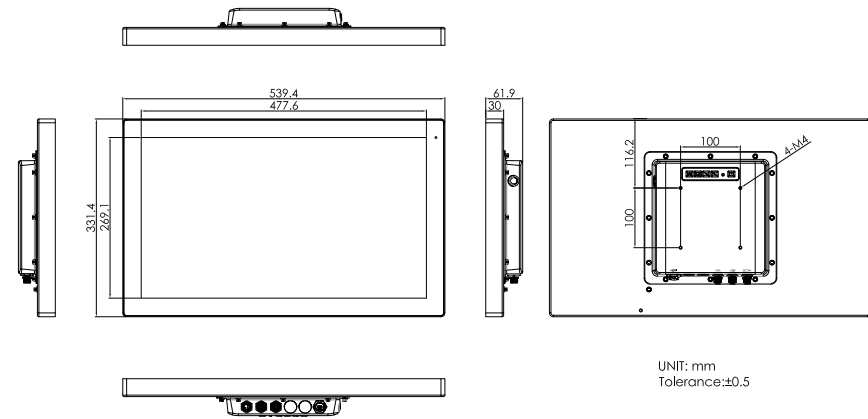
UNIT: mm
Tolerance:±0.5

Ordering Information

PhanTAM-121AP	21.5" FHD IP66/IP69K stainless steel display, VGA/HDMI input, OSD on the rear side, projected capacitive touch, 9~36V DC power input with Adapter
PhanTAM-121APH	21.5" FHD IP66/IP69K stainless steel display, VGA/HDMI input, OSD on the rear side, projected capacitive touch, 9~36V DC power input with Adapter, 1,000 nits LCD

V 1.6

Industrial Display

Industrial Display

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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