

AEx-121P

21.5" ATEX Certified Stainless Steel Display

Industrial Panel PC

HMI Controller

Industrial
Display Monitor

Box PC

Features



- SUS 316 Stainless Steel
 - Total IP66 Grade with M12 Waterproof Connector
 - Wide range DC 9~36V Power Input
 - Support Panel Mount & VESA Mount
 - Support Projected Capacitive Touch
 - Full Flat Bezel and Fanless Design
 - Stainless Steel OSD Function Key
 - ATEX Zone2, IECEx and C1D2 Certified
- IECEx Certification: Ex nA ic IIC T4 Gc
ATEX Certification: Ex II 3 G
C1D2 Certification: Class I, Division 2, Groups A, B, C, D T4

Specifications

External I/O

USB	1 x M12 8-pin for 2 x USB 2.0 for Touch Control with waterproof cover and chain
Graph	1 x M12 12-pin for VGA with waterproof cover and chain
Function Keypad	1 x M12 8-pin for OSD Cable & External OSD BOX with waterproof cover and chain
Power	1 x M12 3-pin for DC power connector with waterproof cover and chain

Display

Display Type	21.5" TFT-LCD
Max. Resolution	1920 x 1080
Max. Color	16.7M
Luminance (cd/m ²)	300
View Angle	178(H) / 178(V)
Contrast	5000:1
Backlight Lifetime	50,000 hrs

Touch Screen

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

Power

Power Input	DC 9~36V
Power Consumption	AEx-121P: 24W

Mechanical

Construction	316 stainless steel chassis
Mounting	VESA mount 100 x 100, Panel mount (option)
IP Rating	Total IP66
Dimensions	571 x 362 x 75.1 mm
Net Weight	12.3 kg

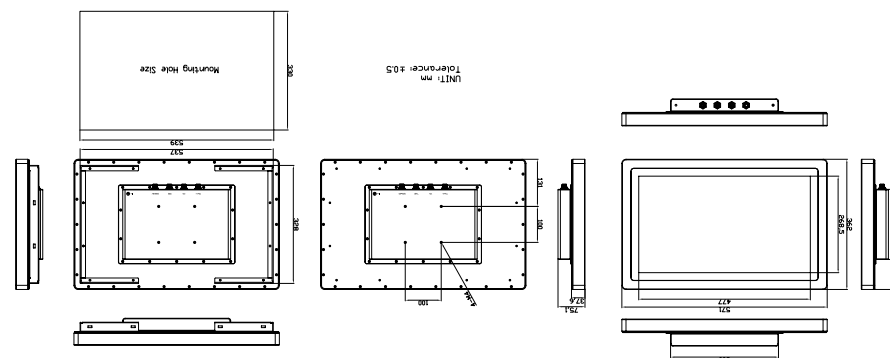
Environmental

Operating Temperature	-20~60°C
Storage Temperature	-30~70°C
Storage Humidity	10 to 95% @ 40°C, non-condensing
Safety	CSA C22.2 No.61010

Certificate

CE / FCC Class A, ATEX Zone2 Ex nA ic IIC T4 Gc Class I, Division2, Group ABCD T4 ANSI/ISA 12.12.01-2013 CSA Std. C22.2 No213-1987
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Dimensions



Ordering Information

AEX-121P	21.5" FHD IP66, 316 Stainless display, VGA input, external OSD box, Projected capacitive touch, 9~36V DC Power input, VESA Mount, WT-20-60 Accessory : 1 x M12 for USB touch cable, 1 x VGA Cable, 1 x 3pin power input cable (w/o Adapter)
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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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