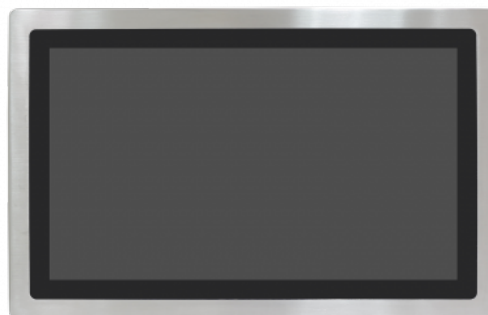


# ATEX-Ex HMI Monitor 7000 series



## Highlights

Explosion-proof HMI Monitor, which complies with ATEX and IEC Ex standards. Crafted from AISI 316L acid resistant stainless steel in a rugged fully encapsulated sealed cabinet that is easy to keep clean. Perfect for environments requiring ultimate protection: Life science, pharmaceutical, oil, gas, and chemical industries.

Besides the ATEX-Ex rating, this HMI Monitor is designed to withstand dust, water and cleaning. Obtain 24/7 operational reliability with low power consumption, passive cooling and no moving parts. Available in screen sizes from 15" to 21.5" with auto-calibrated multi touch technology.

Optimise the workflow as well as safety, comfort and security. Achieve a significant return on investment and a competitive solution with Blue Line's quality products.

- Monitor for Explosive Environment
- ATEX & IECEX
- Stainless Steel AISI 316L
- Monitor 15" to 21.5"
- Projected capacitive multi touch
- Full HD resolution 1920 x 1080
- Operation with gloves
- IP66 water and dustproof
- Withstand tough detergents
- Fanless operation
- VESA / Panel mount
- Flexible mounting wall / pipe / swivel arm / gas arm



**BLUE LINE**  
IT for Demanding Environments

- has more than 30 years experience
- delivers reliable IT solutions for demanding environments
- builds compact and high performance solutions
- focuses on long duration, 24/7-operation, and ruggedness
- is ISO 9001:2015-certified
- is known for providing the best assistance and services in all phases.

# ATEX-Ex HMI Monitor 7000 series

## Specifications

### Model Type

HMI stainless steel Ex monitor

### Construction

Fully sealed enclosure in stainless steel AISI 316L

### Cooling

Fanless

### Ingress Protection

IP66

### Environment

Operating temperature -20°C to +60°C

Storage temperature -30°C to +70°C

Humidity 10 to 90% @ 40°C (non-condensing)

### Certification

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

### Display

15"	1024 x 768, 4:3, XGA	color TFT LCD
15.6"	1920 x 1080, 16:9, FHD	color TFT LCD
19"	1280 x 1024, 5:4, SXGA	color TFT LCD
21.5"	1920 x 1080, 16:9, FHD	color TFT LCD

### Touch

Projected capacitive multi touch (supports gloves)

### Brightness

15"	450 nits (option for 1000 nits)
15.6"	400 nits
19"	350 nits (option for 1000 nits)
21.5"	300 nits

### Colors

16.7M

### Viewing Angle

15"	160/150
15.6"	160/140
19"	170/160
21.5"	178/178

### Rear Input / Output

1 x M12 12pin for VGA with waterproof cap

1 x M12 USB for touch control with waterproof cap

1 x M12 3pin DC power with waterproof cap

External OSD BOX design with M12 3M OSD cable with waterproof cap

### Power Supply

+9V to +36V DC-in by M12 3-pin C17

### Power Consumption

15"	max 21.6W
15.6"	max 13W
19"	max 17W
21.5"	max 19W

### Mounting

VESA 100

Panel mount

### Dimension and Weight

15"	Outer: H 324 x W 399 x D 70mm Cut-out: H 292 x W 367mm	8.5kg
15.6"	Outer: H 290 x W 440 x D 75mm Cut-out: H 262 x W 412mm	9.1kg
19"	Outer: H 388.6 x W 470 x D 75mm Cut-out: H 356.6 x W 438mm	12kg
21.5"	Outer: H 362 x W 571 x D 75.1mm Cut-out: H 330 x W 539mm	13.3kg

### Accessories Included



# ATEX-Ex HMI Monitor 7000 series

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1 x M12 for USB touch cable  
1 x VGA cable  
1 x 3pin power input cable (w/o power adapter)

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## Accessories Optional

Bluetooth wireless modul 802.11bgn og 4.0 ex antennas  
Stainless steel wall mount with tilt  
Panel mount kit

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## Warranty and After Sales Support

Standard 1 year (option for 3 years)

