Cleanroom HMI Monitor – 8000 series





Highlights





Elegant stainless steel HMI Monitor for life science environments in a design and construction easy to clean and disinfect. Withstands all known cleaning agents and disinfectants.

Projective multi touch technology works with gloves improving workflow and productivity. A typical use case would be three layers of gloves, one layer of cotton gloves and two layers of nitrile/latex or silicone gloves. The multi touch display provides auto calibration for seamless operation.

Blue Line's HMIs are designed for 24/7 operation, with a low power consumption, passive cooling and without moving parts for maximum operational reliability.

When you combine Blue Line's HMIs with a supporting arm, the cables are hidden in the supporting arm, thus preventing the accumulation of bacteria.

If the product does not fully meet the requirements, Blue Line has the capability to configure fully to specific requirements to functionality, finish and environment.

Blue Line's modular design makes it possible to configure to specific needs in functionality, finish and environment. Get free advice from our experts and let us set up a Teams meeting for an online demo and Q&A. Benefit from our experience and knowledge based on numerous installations in biotech and pharmaceutical sites around the world.

- HMI Monitor for Life Science / GMP / FDA environment
- Fully sealed enclosure in stainless steel AISI 304 or 316L
- IP66 water and dustproof
- Easy to clean and keep sterile
- Withstands all known cleaning agents and disinfectants
- 15.6", 21.5" or 24" display size (option for other sizes)
- Full HD resolution 1920 x 1080
- Projective capacitive multi touch
- Supports operation with gloves
- Fanless operation for maximum reliability
- Flexible mounting for wall, desktop, supporting arms etc.
- Cables are hidden within supporting 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.

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Specifications

Model Type

HMI stainless steel Monitor

Construction

Fully sealed enclosure in stainless steel AISI 304 or 316L

Cooling

Fanless

Ingress Protection

IP66 water and dustproof

Environment

Operating temperature	0°C to +50°C (For 15.6” option for -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

Display

15.6"	1920 x 1080, 16:9 FHD	color TFT LCD
21.5"	1920 x 1080, 16:9, FHD	color TFT LCD
24"	1920 x 1080, 16:9, FHD	color TFT LCD

Touch

Projected capacitive multi touch (supports gloves)

No touch (optional)

Optical bonding (optional)

Brightness

15.6" and 21.5"	300 nits
24"	250 nits
All sizes	Option for high brightness 1000 nits

Viewing Angle

160/160 - 178/178

Rear Input / Output

1 x HDMI (IP68)

1 x 3pin DC power (IP68)

1 x USB-touch (IP68)

1 x M4 ground screw

All connectors come with waterproof cap

Power Supply

+9V to +36V DC-input

Power Consumption

Max 42W

Mounting

VESA 100 (I/O ports in center)

Stainless steel supporting arm

Stainless steel tube mount

Stainless steel desktop stand

Stainless steel yoke mount

Dimension and Weight

15.6"	H 290 x W 440 x D 55mm	7.2kg
21.5"	H 362 x W 571 x D 55mm	10kg
24"	H 423 x W 656 x D 53mm	12.6kg

Special Function

Touch on/off button on the side edge for hygienic cleaning

Accessories Included

AC to DC power adapter with M12

Accessories Optional

Stainless steel scanner bracket

Cleanroom mouse

Cleanroom keyboard

Combine with Mobile Operator Station

Other options available according to requirements

Warranty and After Sales Support

Standard 1 year (option for 3 years)

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