

# High Pressure IP69K Waterproof HMI Monitor 7900 Series

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## Highlights

Elegant and waterproof stainless steel IP69K Monitor developed for industries with extensive cleaning and spray down. Very easy to clean and disinfect due to smooth sides, rounded edges and a narrow front bezel. Designed with special hygienic bolts on rear case enabling the market's fastest and most complete cleaning.

Designed for 24/7 operation, with low power consumption, passive cooling and without moving parts for maximum operational reliability. Screen sizes in 15.6" or 21.5" with auto-calibrated touch technology for seamless operation, even with gloves.

The rear side of the waterproof IP69K HMI supports tube and swivel arm mounting with internal cable wiring providing the market's best long term protection against high pressure water treatment.

Benefit from our experience from numerous installations around the world. Let us prepare a proposal that ensures the best functionality, ergonomics and occupies as little space as possible, such as integration with food processing equipment.

Reduce cost and time spending with our global partner model based on your specific requirements. Let Blue Line take responsibility for delivery on time. Blue Line's ultimate goal is to help our customers get peace of mind by handling all relevant details such as securing the right configuration, software setup, mounting, packaging, labeling etc. Ask for references from your industry.



- Waterproof HMI Monitor for Food / Life Science / Chemical
- IP69K high pressure waterproof
- Stainless steel AISI 304 / 316L
- 15.6" or 21.5" PCAP multi touch display
- Up to full HD resolution 1920 x 1080
- True flat and ultra slim front frame design
- Fanless operation
- Optional tube mount and swivel arm with hidden connectors and cables



**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.

# High Pressure IP69K Waterproof HMI Monitor 7900 Series

## Specifications

### Model Type

HMI stainless steel Monitor

### Construction

Fully sealed enclosure in stainless steel AISI 304  
Optional acid resistant stainless steel AISI 316L

### Cooling

Fanless

### Ingress Protection

IP66/IP69K

### Environment

Operating temperature 0°C to +50°C  
Option for wide 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

### Display

15.6"	1366 x 768, 16:9, HD (option for FHD)	color TFT LCD
21.5"	1920 x 1080, 16:9, FHD	color TFT LCD

### Touch

Projected capacitive multi touch (supports gloves)\*  
Resistive touch (optional)  
Optical bonding (optional)  
\*Supports 7H anti-scratch surface

### Brightness

15.6"	400 nits
21.5"	250 nits
All sizes	Option for high brightness 1000 nits

### Colors

16.7M / 16.2M

### Viewing Angle

15.6"	160/160 - 170/170
21.5"	178/178

### Rear Input / Output

1 x M12 12-pin for VGA with waterproof cover  
1 x M12 17-pin for HDMI with waterproof cover  
1 x M12 8-pin for USB Touch with waterproof cover  
1 x M12 3-pin for DC power with waterproof cover  
OSD on the rear side  
Option for 1 x 2W IP65 speaker

### Power Supply

+9V to +36V DC-input

### Power Consumption

Max 14.7W

### Mounting

VESA 100

### Dimension and Weight

15.6"	H 225 x W 404.4 x D 64.5mm	4.85kg
21.5"	H 332.4 x W 540.4 x D 61.5mm	7.6kg

### Accessories Included

AC to DC power adapter with M12  
VGA cable with M12

### Accessories Optional

Stainless steel table stand  
Stainless steel wall mount with tilt  
Stainless steel tube mount  
Stainless steel swing arm  
IP65 waterproof power adapter AC input +90 to +305V, DC output +24V, 60W, power cord type G (EU type) or B (US type)  
HDMI Cable with cap L:2.0M  
USB Cable with cap L:2.0M



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## Warranty and After Sales Support

Standard 1 year (option for 3 years)



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