

# High Pressure IP69K Waterproof HMI Panel PC 13.3" OP Series

---



**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 Panel PC 13.3" OP Series

---

## Highlights

The most complete high pressure IP69K waterproof HMI Panel PC developed for demanding food production like meat, fish and poultry. Withstands intensive spray down and high pressure cleaning over and over again.

Benefit from the full HD resolution not commonly seen in this screen size. Avoid condensation with the optical bonded, splinter proof and auto-calibrated multi touch screen operable with gloves.

The back side of the HMI supports tube mounting with hidden connectors and cables providing the market's best long term protection against high pressure water treatment. The ultimate durability is fulfilled with low power consumption, passive cooling and no moving parts.

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.

- Food / wet environment
- IP69K high pressure waterproof PC
- 13.3" PCAP multi touch panel PC
- Stainless steel AISI 316L
- Easy to clean
- Splinter-proof front
- Full HD resolution 1920 x 1080
- Optical bonding
- Integrated PC / client
- Fanless operation
- Windows 7 / 8 / 10
- Tube mount with hidden connectors and cables
- Other mounting VESA / wall / pipe / swivel arm / gas arm
- Long product life cycle
- Customisation according to your requirements



**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 Panel PC

## 13.3" OP Series

### Specifications

#### Model Type

High pressure IP69K HMI Panel PC

#### Construction

Fully sealed enclosure in acid resistant stainless steel AISI 316L

#### Cooling

Fanless

#### Ingress Protection

IP66/IP69K

#### Environment

Operating temperature 0°C to +40°C  
Storage temperature -30 to +70°C  
Humidity 10 to 90% @ +40°C, non-condensing

#### Certification

CE / FCC CLASS A

#### Display

13.3" 1920 x 1080, 16:9, FHD LCD panel

#### Touch

Projected capacitive multi touch (supports gloves)  
Optical bonding

#### Brightness

400 nits

#### Viewing Angle

160/160

#### Processor

Intel Atom Bay Trail E3845 quad core, 1.9GHz

#### Chipset

Integrated SoC

#### RAM

8GB DDR3L SO-DIMM

#### Storage

1 x 2.5" SATA SSD / HDD  
1 x mSATA

#### Rear Input / Output

2 x GbE LAN  
1 x USB 2.0 connector  
1 x M12 3pin DC power  
1 x M4 ground screw  
All connectors come with waterproof cap

#### Expansion

1 x MiniPCIe slot

#### Operating System

Windows 7 / 8 / 10  
Windows Embedded 7 / 8  
Windows 10 IoT Enterprise  
Linux

#### Thin Client

ThinManager, Microsoft Remote Desktop (RPD), NoTouch OS, VNC, Citrix and others

#### Power Supply

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

#### Power Consumption



**BLUE LINE**  
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark  
T +45 8678 5000 | [www.blue-line.com](http://www.blue-line.com)

# High Pressure IP69K Waterproof HMI Panel PC 13.3" OP Series

---

Max 30W

---

## Mounting

VESA 100 (I/O ports in center)

Stainless steel tube / wall / pipe / supporting arm

Other options available according to requirements

---

## Dimension and Weight

13.3"	H 286 x W 415 x D 45mm	6kg
Chassis including connectors	H 286 x W 415 x D 63mm	6kg, tube mount 1kg

---

## Accessories Included

Stainless steel tube mount

USB Cable

AC to DC power adapter

---

## Accessories Optional

M12 DC power cable

M12 USB cable

M12 LAN cable

---

## Warranty and After Sales Support

Standard 1 year (option for 3 years)

---

## Ordering Information

1555-1



**BLUE LINE**  
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark  
T +45 8678 5000 | [www.blue-line.com](http://www.blue-line.com)