Waterproof Panel Mount HMI Monitor 7200 Series

BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
T +45 8678 5000 | www.blue-line.com

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Highlights

The world’s first IP69K high pressure proof HMI for panel mounting that withstands both intensive spray down and high pressure cleaning. Integrate this product in cabinets or other existing automation equipment securing the increasing requirements for hygiene and safety in the food industry.
Screen sizes from 7” to 21.5” with auto-calibrated multi touch technology and a very elegant true-flat design. Obtain 24/7 operational reliability 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

• Integration in control cabinets / machines

• IP66 / IP69K waterproof front bezel

• Stainless steel AISI 304 / 316L

• 7" to 21.5" multi touch display

• Up to full HD resolution 1920 x 1080

• Available with or without touch

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- Fanless operation
- Food safety standards EN 1672-2 and NFS / ANSI / 3-A
- Customisation according to your requirements

Specifications

Model Type

HMI stainless steel Monitor

Construction

Front bezel stainless steel AISI304
Option for acid resistant stainless steel AISI316L

Cooling

Fanless

Ingress Protection

IP66/IP69K waterproof front bezel

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 95% @ +40?C (non-condensing)
Vibration	1G/5~500Hz (Random) / Operation
Shock	15G peak acceleration (11 msec. duration) / Operation

Certification

15" & 15.6"	UL
7" to 21.5"	CE / FCC Class A

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Display

7"	800 x 480, 5:3, WVGA	color TFT LCD
10.1"	1280 x 800, 16:10, WXGA 800 x 600, 4:3, SVGA	color TFT LCD
12.1"	(option for 1024 x 768, 4:3, XGA)	color TFT LCD
W12.1"	1280 x 800, 16:10, WXGA	color TFT LCD
15"	1024 x 768, 4:3, XGA 1366 x 768, 16:9, WXGA	color TFT LCD
15.6"	(option for 1920 x 1080, FHD)	color TFT LCD
17"	1280 x 1024, 5:4, SXGA 1366 x 768, 16:9, WXGA	color TFT LCD
18.5"	(option for 1920 x 1080, 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)
Anti Shatter Film for projected capacitive multi touch (optional)
Resistive touch (optional)
No touch (optional)
Optical bonding (optional)

Brightness

7"	350 nits (option for 1000 nits)
10.1"	350 nits (option for 1000 nits)
12.1"	450 nits (option for 500 / 1000 nits)
W12.1"	600 nits (option for 1000 nits)
15"	420 nits (option for 1000 nits)
15.6"	300 nits (option for 1000 nits)
17"	350 nits (option for 1000 nits)
18.5"	300 nits (option for 1000 nits)
19"	350 nits (option for 900 nits)

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21.5"	250 nits (option for 1000 nits)

Colors

7"	262K
12.1"	16.2M
10.1", W12.1", 15", 15.6", 17", 18.5", 19", 21.5"	16.7M

Viewing Angle

140/110 - 178/178

Rear Input / Output

1 x USB type B for touch (1 x RS-232 optional)
1 x VGA
1 x DVI-D
1 x HDMI
1 x DP
1 x Audio line-in phone jack
1 x 3-pin DC power input terminal

Power Supply

+9 to +36V DC-in by terminal block

Power Consumption

4W to 29W

Mounting

7"	Panel mounting / VESA 75*
10", 12.1", W12.1", 15", 15.6", 17", 18.5", 19", 21.5"	Panel mounting / VESA 100*
	The screen must be mounted from the back*

Dimension and Weight

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7"	Outer: H 163 x W 217 x D 40mm Cut-out: H 138 x W 192mm	1.4kg
10.1"	Outer: H 200 x W 296 x D 46.9mm Cut-out: H 176 x W 272mm	2.4kg
12.1"	Outer: H 257 x W 331 x D 52mm Cut-out: H 229 x W 303mm	3.3kg
W12.1"	Outer: H 325 x W 510 x D 63.7mm Cut-out: H 297 x W 482mm	6.58kg
15"	Outer: H 322 x W 422 x D 54.1mm Cut-out: H 292 x W 392mm	4.9kg
15.6"	Outer: H 289.5 x W 422 x D 58.15mm Cut-out: H 259.5 x W 394mm	5.25kg
17"	Outer: H 358.4 x W 449.4 x D 63.8mm Cut-out: H 331 x W 422mm	6.4kg
18.5"	Outer: H 325 x W 510 x D 63.7mm Cut-out: H 297 x W 482mm	6.58kg
19"	Outer: H 398 x W 485 x D 63.8mm Cut-out: 362 x W 450mm	7.3kg
21.5"	Outer: H 378.8 x W 573.8 x D 59.8mm Cut-out: H 344 x W 539mm	8.5kg

Accessories Included

AC to DC power adapter with terminal block

USB 2.0 Cable Type-A to Type-B for touch signal 1.8m

VGA Cable 1.8m

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Panel mount kit

Accessories Optional

Wall mount kit

DVI Cable

HDMI Cable

DP Cable

1 x Internal speaker

Warranty and After Sales Support

Standard 1 year (optional 3 years)

Ordering Information

509

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