

Waterproof Panel Mount HMI Monitor 7200 Series



BLUE LINE
IT for Demanding Environments

Blue Line A/S | Kappa 8 | 8382 Hinnerup, Denmark
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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	TBD
	Cut-out: H 138 x W 192mm	
10.1"	Outer: H 200 x W 296 x D 46.9mm	2.3kg
	Cut-out: H 176 x W 272mm	
12.1"	Outer: H 257 x W 331 x D 52mm	3.3kg
	Cut-out: H 229 x W 303mm	
W12.1"	Outer: H 325 x W 510 x D 63.7mm	6.58kg
	Cut-out: H 297 x W 482mm	
15"	Outer: H 322 x W 422 x D 54.1mm	5.1kg
	Cut-out: H 292 x W 392mm	
15.6"	Outer: H 289.5 x W 422 x D 58.15mm	5.25kg
	Cut-out: H 259.5 x W 394mm	
17"	Outer: H 358.4 x W 449.4 x D 63.8mm	6.4kg
	Cut-out: H 331 x W 422mm	
19"	Outer: H 398 x W 485 x D 63.8mm	6.3kg
	Cut-out: 362 x W 450mm	
21.5"	Outer: H 378.8 x W 573.8 x D 59.8mm	8.5kg
	Cut-out: H 344 x W 539mm	

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
Panel mount kit

Accessories Optional



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Waterproof Panel Mount HMI Monitor 7200 Series

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

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