

Blue Line ECDIS Marine Panel PC-8800



BLUE LINE
IT for Demanding Environments

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

Blue Line ECDIS Marine Panel PC-8800



Highlights

Blue Line ECDIS Marine Panel PC series are certified and specifically designed for maritime applications on bridge systems with ECDIS compliance, brightness dimming and projective capacitive multi touch. True flat, elegant edge to edge design. Blue Line's Marine Panel PC will provide powerful computing and rich connectivity that ensures the integrated bridge system will run effortlessly at all times.

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



BLUE LINE
IT for Demanding Environments

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

Blue Line ECDIS Marine Panel PC-8800

handling all relevant details such as securing the right configuration, software setup, mounting, packaging, labeling etc. Ask for references from your industry.

- Marine Panel PC
- Available in sizes of 15", 19", 24" and 26"
- 5th generation Intel Core i5 processor
- IEC 60945 certification
- DNVGL certification
- IACS E10 certification
- ECDIS bridge display compliance
- Color calibrated for ECDIS compliance (optional)
- Capacitive touch keys for quick function access and display control

(Supports DAY, DUSK, and NIGHT mode switching)

- Brightness dimming control from nearly 0% to 100%
- True flat multi PCAP touch
- IP66 front ingress protection
- Elegant edge to edge design
- Fanless operation for maximum reliability
- +24V DC input with 1.5KV DC isolation resistance
- Supports +9 to +36V DC input
- Extensive interface connectivity

Specifications

Model Type

Marine Panel PC

Construction



BLUE LINE
IT for Demanding Environments

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

Blue Line ECDIS Marine Panel PC-8800

Plastics front frame & aluminium rear housing

Cooling

Fanless

Ingress Protection

IP66 front side

Environment

Operating Temperature	-15°C to +55 °C
Operating Humidity	5% to 95% (non-condensing)
Anti-Vibration	0.7g@DNV2.4 (Class A)
Anti-shock	15G,11ms duration

Certification

DNVGL - CG - 0339
IEC 60945 4th
IACS E10
CE
FCC

Display

15"	1024 x 768, 4:3, XGA
19"	1280 x 1024, 5:4, SXGA
24"	1920 x 1080, 16:9, FHD
26"	1920 x 1200, 16:10, WUXGA

Touch

Projected capacitive multi-touch

Brightness

Brightness dimming control from nearly 0% to 100%



BLUE LINE
IT for Demanding Environments

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

Blue Line ECDIS Marine Panel PC-8800

Colors

15"	16.2 M colors, 8 bits/color
19" to 26"	16.7 M colors, 8 bits/color

Viewing Angle

15"	88°/88°/88°/88° (typ.) (Up/Down/Left/Right)
19"	85°/85°/80°/80° (typ.) (Up/Down/Left/Right)
24"	89°/89°/89°/89° (typ.) (Up/Down/Left/Right)
26"	88°/88°/88°/88° (typ.) (Up/Down/Left/Right)

Processor

15" to 26"	Intel 5th Gen. Core i5-5350U, 1.80 GHz (up to 2.90 GHz)
Option	Intel 5th Gen. Core i7-5650U, 2.10 GHz (up to 3.0 GHz)

Chipset

15" to 26"	Intel 8 series QM87 Chipset
------------	-----------------------------

RAM

15" to 26"	1 x DDR3L-1600 SODIMM Slot (Default 4GB,Max 8GB)
------------	--

Storage

15" to 26"	64GB mSATA SSD (up to 256GB)
------------	------------------------------

Rear Input / Output

15" to 26"	
Ethernet LAN:	2 x RJ45
COM (D-SUB):	1 x RS232/422/485
USB:	1 x USB2.0, 2 x USB3.0
HDMI:	1 x HDMI
NMEA Interface:	4 x NMEA 0183 Port (Optional)
Digital IN/OUT:	8 Channel Isolated Digital Input/Output (Optional)



BLUE LINE
IT for Demanding Environments

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

Blue Line ECDIS Marine Panel PC-8800

DC Power:

1 x 3-Pin Terminal Block (Phoenix type)

Operating System

Windows 7 / 8 / 10

Windows Embedded 7 / 8

Windows 10 IoT Enterprise

Linux

Power Supply

15" to 26"

+24V DC-in with Isolation (+9 ~ +36V acceptable)

Power Consumption

15" to 26"

80W (Max)

Mounting

Panel Mount , VESA Mount

Dimension and Weight

15"	W 363 x H 312 x D 66.5 mm
19"	W 429 x H 382 x D 72.8 mm
24"	W 595 x H 385 x D 63.8 mm
26"	W 621 x H 432.4 x D 85.5 mm

Warranty and After Sales Support

Standard 1 year (option for 3 years)

Ordering Information

1038-2



BLUE LINE
IT for Demanding Environments

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