

DuraMON 24" / 26" / 27" Glass Radar & ECDIS



24" / 26" / 27" Monitor – IEC60945 Type Approved for Marine Applications:

- Approved for Radar / ECDIS.
- High quality display in Wide Screen format
- Long built-state.
- Desk / wall mounting-brackets available for VESA (150x280mm).
- 26" / 27" complies with RADAR CAT I, II and III
- Touch keys with dimmable backlight.
- Full range Backlight dimming
- Customisation available.
- Buzzer

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Specifications

DuraMON

Display sizes: 24", 26" and 27" Wide Screen LCD (TFT)

Display properties:	Size – Active area (Aspect)	Luminance	Contrast	Resolution	View angle (L/R/T/B) (typical)
	23.60" - 521 mm x 293 mm (16/9)	250 Cd/m ²	3000:1	1920 x 1080	89°/89°/89°/89°
	25.54" - 550 mm x 344 mm (16/10)	350 Cd/m ²	1500:1	1920 x 1200	88°/88°/88°/88°
	27.00" - 598 mm x 336 mm (16/9)	300 Cd/m ²	1000:1	1920 x 1080	89°/89°/89°/89°

Materials: Front: Sea Water Resistant Aluminium w. black powder coating RAL 9005

Rear: Sea Water Resistant Aluminium w. black powder coating RAL 9005

Touch: PCAP multi touch (Optional)

Window: Anti-Reflection coated front glass

Protection: IP65 front – IP20 rear

DuraMON I/O

Video inputs: 1 x VGA
1 x DVI-D
1 x Display Port 1.2 or / HDMI 1.4a

Recommended resolution is 1920x1080 for 24" and 27" and 1920x1200 for 26"
Generally all VESA compatible video modes are supported.
(For 26" max refresh rate is 60 Hz @ 1920x1200)
Special modes supported on request.

Control inputs: 1 x RS232 – for remote control
Optional: 1 x RS-422/485 (Optional)
Optional: 1 x USB for touch sensor (Optional)
1 x Built-in Buzzer (75-85 dB(A) / 1m)

DuraMON Power Supply Options

Standard: 90-264 VAC 50-60Hz Input
Optional: 18-31 VDC Input (option)
Optional: Dual power, AC/DC (Optional)

DuraMON Environmental Conditions

Operating Temperature: -15 to 55 °C
Storage Temperature: -25 to 70 °C
Relative Humidity: 8 to 95 %

DuraMON Approvals

Marine: IACS E10 Rev. 6 & IEC 60945 Ed. 4
ECDIS: IEC 61174 ed. 4
Radar / Navigation: IEC 61174 ed. 4, IEC 62288 ed. 2, IEC 62388 ed. 2
Type Approvals: MR certificate
For latest marine class approvals – see www.isic-systems.com

DuraMON Physical dimensions

Size: 24" 593 mm (W) x 384.1 mm (H) x 76 mm (D)
26" 621 mm (W) x 435 mm (H) x 96.8 mm (D)
27" 679 mm (W) x 432.1 mm (H) x 70 mm (D)
Weight: 24" 11 kg
26" 14.5 kg
27" 14 kg
Bracket: Desk / wall / ceiling bracket VESA 150x280 mm

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