

DuraMON 24" / 26" Glass Wide Screen for Radar & ECDIS



DuraMON monitors are designed for marine and naval mission critical applications for ECDIS, WECDIS and RADAR.

It values markets demands for:

- Standardisation and easy integration.
- Simplicity in operation.
- Modularity & space saving.
- Low weight
- Long up time and less service.
- Long built-state possibility.

- High quality displays in Wide Screen format
- Compliant with IEC 60945 and IACS E10.
- 26" complies with RADAR CAT I, II and III
- 24" complies with RADAR CAT II and III
- ECDIS/RADAR options.
- Touch keys with dimmable backlight.
- Full range Backlight dimming
- Desk / wall / ceiling mounting-brackets available for VESA (150x280mm).
- Customisation available.

Specifications

DuraMON

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

Display properties:	Size – Active area (Aspect)	Luminance	Contrast	Resolution
	23,6" - 521 x 293 mm (16/9)	250 Cd/m ²	3000:1	1920 x 1080
	25,54" - 550 x 343.8 mm (16/10)	350 Cd/m ²	1500:1	1920 x 1200

View angle:	Size	View angle (L/R/T/B) (typical)
	23,6"	89°/89°
	25,54"	88°/88°

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

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

Window: Anti-Reflection coated front glass

Protection: IP65 front – IP20 rear

DuraMON I/O

Video inputs: RGB : Analogue 0.7 Vpp positive at 75Ω,
Separate sync or sync on green
Horizontal sync: 30-75 kHz (automatic)
Vertical sync: 56-75 Hz up to 1280x1024
60 Hz up to 1920x1200

DVI: Generally all VESA compatible video modes are supported up to 160MHz (up to UXGA 60Hz and WUXGA 60Hz reduced blanking).
Special modes supported on request.

Display Port 1.2
/ HDMI 1.4a: Up to 1920x1200 (WUXGA) 60 Hz reduced blanking

Control inputs: 1x RS232 – for remote control
1 x USB for touch sensor (optional)

DuraMON Power Supply Options

Standard: 90-264Vac. 50-60Hz Input
18-36Vdc Input (option)
Dual power, AC/DC (option)

Power Consumption:	Size	P _{TYP} (Watt)	P _{MAX} (Watt)
	24"	30	35
	26"	50	55

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. 5 & 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 marine class approvals – see www.isic-systems.com

DuraMON Physical dimensions

Size: 24" 593 (W) x 384,1 (H) x 68,3 (D)
26" 621 (W) x 435 (H) x 89 (D)

Weight: 24" 11 kg.
26" 14,5 kg

Bracket: Desk / wall / ceiling bracket VESA 150x280 mm