

DuraMON 27" Glass Wide Screen for Radar & ECDIS



DuraMON monitors are designed for marine and naval mission critical applications.

It values markets demands for:

- Excellent dimming performance to black.
- Low weight & Low power
- Long up time and less service.
- Long built-state possibility.
- High quality display 27" Wide Screen format

- Compliant with IEC 60945 and IACS E10.
- 27" complies with RADAR CAT I, II and III
- ECDIS/RADAR options.
- Touch keys with dimmable backlight.
- Full range backlight dimming
- Desk / wall / ceiling mounting-brackets available.
- Customisation available.

Specifications

DuraMON

Display sizes: 27" Wide Screen LCD (TFT)

Display properties:	Size – Active area (Aspect)	Luminance	Contrast	Resolution
	27" - 597.88 x 336.31 (16/9)	250 Cd/m ²	1000:1	1920 x 1080

View angle: 89°(L/R/T/B) (typical)

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

Optional: 18-36Vdc Input

Power Consumption:	Size	P _{Typ} (Watt)	P _{Max} (Watt)
	27"	30	45

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: 679 (W) x 432 (H) x 69 (D)

Weight: 14,5 kg.

Bracket: Desk / wall / ceiling bracket and VESA 150 x 280 mm