

DuraMON 26"

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 build-state possibility.
 - High quality display 26" Wide Screen format
 - 26" complies with RADAR CAT I, II and III
- IEC 60945 and IACS E10.
 - ECDIS/RADAR options.
 - Membrane keys with dimmable backlight.
 - Full range backlight dimming
 - Keys dimming control options.
 - Desk / wall / ceiling mounting-brackets available.
 - Customisation available.

Specifications

DuraMON

Display sizes: 26" Wide Screen LCD (TFT)

Display properties:

Size – Active area (Aspect)	Luminance	Contrast	Resolution
26" - 550 x 343.8 mm (16/10)	350 Cd/m ²	1500:1	1920 x 1200

View angle: 88°(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

DuraMON Power Supply Options

Standard: 90-264Vac. 50-60Hz Input

Optional: 18-36Vdc Input

Power Consumption:

Size	P _{TYP} (Watt)	P _{MAX} (Watt)
26"	50	60

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 26" Physical dimensions



Size: 619 (W) x 463 (H) x 77 (D)

Weight: 12 kg.

Bracket: Desk / wall / ceiling bracket and IP22 rear-cover available (optional extra)