

DuraMON Glass 19" RADAR & ECDIS



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

It values markets demands for:

- Standardisation and easy integration
 - Simplicity in operation
 - Modular & space saving
 - Low weight
 - Long up time and less service
 - Long built-state possibility
 - Low Power consumption
- High quality display 19" 5:4 format
 - Compliant with IEC 60945 and IACS E10
 - ECDIS / RADAR options
 - Full range backlight dimming
 - Touch keys with dimmable backlight
 - Desk/ceiling and wall mounting-brackets available
 - Optional Buzzer
 - Optional ECDIS calibration

Specifications

DuraMON

Display sizes: 19" LCD (TFT)

Display properties:	Size – Active area (Aspect)	Luminance	Contrast	Resolution
	19" - 376 x 301 mm (5/4)	300 Cd/m ²	2000:1	1280 x 1024

View angle: 89° - 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 165MHz (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 RS-232 – for remote control
1 x USB for touch sensor (optional)

DuraMON Power Supply Options

Standard: 90-264Vac. 50-60Hz Input
18-36Vdc Input (optional)
Dual power, combined AC and DC input (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. 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 latest marine class approvals – see www.isic-systems.com

DuraMON Physical dimensions

Size: 429 (W) x 382 (H) x 85 (D)
Weight: 8 kg.
Bracket: Desk / wall / ceiling VESA 150x280 mm