

DuraMON 15"



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

It values markets demands for:

- Standardisation and easy integration.
- Simplicity in operation.
- Modularity & space saving.
- Low weight
- Long up time and less service.
- Long build-state possibility.
- Low Power consumption.
- High quality display 15" 4:3 format
- IEC 60945 and IACS E10.
- LED Backlight
- Membrane keys with dimmable backlight.
- Backlight dimmable 100% to 0%
- Desk/ceiling and wall mounting-brackets available.
- Optional Touch.
- Optional Wide angle display
- Customisation available.

Specifications

DuraMON

Display sizes:	15" LCD (TFT)				
Display properties:	Size – Active area (Aspect)	Luminance	Contrast	Resolution	View angle (L/R/T/B)
Standard Display:	15" - 304 x 228 mm (4/3)	400 Cd/m ²	700:1	1024 x 768	80/80/80/60
Wide angle Display option:	15" - 304 x 228 mm (4/3)	350 Cd/m ²	1000:1	1024 x 768	85/85/85/85

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: VGA : Analog 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: 1 x Rs-232 – 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)
	15"	20	35

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
 Type Approvals: For marine class approvals – see www.isic-systems.com

DuraMON Physical dimensions

Size: 406 (W) x 342 (H) x 64 (D)
 Weight: 4.1 kg.
 Bracket: Desk / wall / ceiling bracket and IP22 rear-cover available (optional extra)

