



DuraMON 15" LED

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DuraMON LED 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 built-state possibility.
- Zero Mercury due to LED Backlight
- Low Power consumption.
- High quality display 15" 4:3 format
- Compliant with IEC 60945 and IACS E10.
- LED Backlight
- Membrane keys with dimmable backlight.
- Backlight dimmable 100% to 0%
- Keys dimming control options.
- Desk/Roof and wall mounting-brackets available.
- Optional Touch.
- Optional Wide angle display
- Customisation available.

Specifications

DuraMON LED

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 power coating RAL 9005

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

Window: Anti Reflection coated front glass

Protection: IP65 front – IP20 rear

DuraMON LED I/O

Video inputs: RGB : Analogue 0.7 Vpp positive at 75Ω,
Separate sync or sync on green
Generally all VESA compatible video modes are supported up to 165MHz (up to UXGA 60Hz and WUXGA 60Hz reduced blanking).
Horizontal sync: 15-100 kHz (automatic)
Vertical sync: 30-85 Hz up to 1280x1024
30-60 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.

Control inputs: 1 x R232 – for remote control

Option available for Resistive Touch 1 x USB

DuraMON LED 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 LED Environmental Conditions

Operating Temperature: -15 to 55 °C

Storage Temperature: -25 to 70 °C

Relative Humidity: 8 to 90 %

DuraMON LED Approvals

CE Mark: EN61000-6-2 & EN61000-6-4

Marine: IACS E10 Rev. 5 & IEC 60945 Ed. 4

Type Approvals: DNV

For latest marine class approvals – see www.isic-systems.com

DuraMON LED Physical dimensions

Size: 406 (W) x 342 (H) x 64 (D)

Weight: 4.1 kg.

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

