



DuraMON 27" WS LED Wide Screen for Radar & ECDIS



New! LED backlight and fan-less

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

It values markets demands for:

- Excellent dimming performance to black.
- Fan-less and silent operation.
- No mercury.
- 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.
- Membrane keys with dimmable backlight.
- Full range backlight dimming
- Keys dimming control options.
- Desk / wall / roof mounting-brackets available.
- Customisation available.

Specifications

DuraMON 27" WS

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 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 27" WS 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.

Option available for extra S-video and Composite video

Control inputs: **1x RS232 – for remote control**

DuraMON 27" WS 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 27" WS Environmental Conditions

Operating Temperature: **-15 to 55 °C**
 Storage Temperature: **-25 to 70 °C**
 Relative Humidity: **8 to 90 %**

DuraMON 27" WS Approvals

CE Mark: **EN61000-6-2 & EN61000-6-4**
 Marine: **IACS E10 Rev. 5 & IEC 60945 Ed. 4**
 ECDIS: **IEC 61174**
 Radar / Navigation: **IEC 62388 and IEC 62288**
 Type Approvals: **DNV Mutual Recognition**
For marine class approvals – see www.isic-systems.com

DuraMON 27" WS Physical dimensions

Size: **684 (W) x 452 (H) x 68 (D)**
 Weight: **12 kg.**
 Bracket: **Desk / wall / roof bracket and IP22 rear-cover available (optional extra)**

