

DuraMON 24"/26" Glass Wide Screen for Radar & ECDIS



Specifications



**DuraMON monitors are designed
for marine and naval mission critical applications
for ECDIS, WECDIS and RADAR.**



Features

- Standardisation and easy integration
- Simplicity in operation
- Modularity & space
- Low weight
- Long up time and less service
- Long built state possibility
- High quality displays in Wide Screen format
- Compliant with IEC 60945 and IACS E10
- 26" complies with RADAR CAT I, II and III
- 24" complies with RADAR CAT II and III
- EC DIS/RADAR options
- Touch keys with dimmable backlight
- Full range Backlight dimming
- Desk / wall / ceiling mounting brackets available for VESA (150x280mm)
- Customisation available

DuraMON 24"/26" Glass Wide Screen: Specifications

Specifications		
Display		
Display sizes	24" Wide Screen LCD (TFT)	26" Wide Screen LCD (TFT)
Display Properties	Size – Active area (Aspect): 23,6" - 521 x 293 mm (16/9) Luminance: 250 Cd/m2 Contrast: 3000:1 Resolution: 1920 x 1080	Size – Active area (Aspect): 25,54" - 550 x 343,8 mm (16/10) Luminance: 350 Cd/m2 Contrast: 1500:1 Resolution: 1920 x 1200
Viewing Angle	View angle (L/R/T/B) (typical) 89°/89°	View angle (L/R/T/B) (typical) 88°/88°
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	
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). <i>Special modes supported on request.</i> Display Port 1.2 / HDMI 1.4a: Up to 1920x1200 (WUXGA) 60 Hz reduced blanking	
Control inputs	1x RS-232 – for remote control 1x USB for touch sensor (optional)	
Power Supply Options		
Standard	90-264Vac. 50-60Hz Input 18-36Vdc Input (optional) Dual power, combined AC and DC input (optional)	
Power Consumption	P _{TYP} (Watt): 30 - P _{MAX} (Watt): 35	P _{TYP} (Watt): 50 - P _{MAX} (Watt): 55
Environmental Conditions		
Operating Temperature	-15 to 55 °C	
Storage Temperature	-25 to 70 °C	
Relative Humidity	8 to 95 %	
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 <i>For marine class approvals – Contact our sales team</i>	
Physical dimensions		
Size	593 (W) x 384,1 (H) x 68.3 (D)	621 (W) x 435 (H) x 89 (D)
Weight	11 kg	14,5 kg
Bracket	Desk / wall / ceiling VESA 150x280 mm	