

DuraMON 22", 24" and 27" Wide-Screen monitors



Wide Viewing Angle display

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

It values markets demands for:

- Standardisation and easy integration.
 - Simplicity in operation.
 - Modularity & space saving.
 - Long build-state possibility.
 - Long up time and less service.
 - Low Power consumption.
 - High quality displays in 22", 24" and 27"
- Full HD 16:9 Wide Screen resolution
 - Micro switch keys with backlight
 - Backlight Dimming from 100% to 0%
 - Desk / wall / ceiling mounting-brackets available.
 - IEC 60945 and IACS E10.
 - DDC communication for day / dusk / night
 - Customisation available.

Specifications

DuraMON

Display sizes:	22", 24" and 27" Wide Screen LCD (TFT)				
Display properties:	Size – Active Area (Aspect)	Luminance	Contrast	Resolution	View angle (L/R/T/B)
Standard Display:	22" - 476.64 x 268.11 (16/9)	250 Cd/m ²	1000:1	1920 x 1080	80/80/80/60
Wide angle Display option:	22" - 476.64 x 268.11 (16/9)	270 Cd/m ²	5000:1	1920 x 1080	89/89/89/89
Wide angle Display:	24" - 521.28 x 293.22 (16/9)	250 Cd/m ²	1000:1	1920 x 1080	89/89/89/89
Wide angle Display:	27" - 597.88 x 336.31 (16/9)	250 Cd/m ²	1000:1	1920 x 1080	89/89/89/89
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 (IP 22 with optional rear-cover)				

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 160MHz (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 RS232 – for remote control 1 x USB for touch sensor (optional)	

DuraMON Power Supply

Standard:	90-264Vac. 50-60Hz Input		
Optional:	18-36Vdc Input		
Power Consumption:	Size	P _{TYP} (Watt)	P _{MAX} (Watt)
	22"	20	35
	24"	25	40
	27"	30	45

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:	22"	552 (W) x 380 (H) x 68 (D)
	24"	601 (W) x 408 (H) x 68 (D)
	27"	684 (W) x 452 (H) x 68 (D)
Weight:	22"	9 kg
	24"	10kg
	27"	11kg
Bracket:	Desk/ceiling- and wall-bracket with IP22 rear-cover available (optional extra)	

