ISIC TRUSTED HARDWARE SYSTEMS

AN CONSULT ESPAÑA

DuraMON Glass 24” / 26” WS Radar / ECDIS

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

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

- 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
- ECDIS/RADAR options.
- Touch keys with dimmable backlight.
- Full range Backlight dimming
- Desk / wall / roof mounting-brackets available for VESA (150x280mm).
- Customisation available.

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Specifications

DuraMON WS

Display sizes: 24”and 26” Wide Screen LCD (TFT)

Display properties:

Size – Active area (Aspect)	Luminance	Contrast	Resolution
23,6” - 521 x 293 mm (16/9)	250 Cd/m^2	3000:1	1920 x 1080
25,54” - 550 x 343.8 mm (16/10)	350 Cd/m^2	1500:1	1920 x 1200

View angle:

Size	View angle (L/R/T/B) (typical)
23,6”	89°/89°
25,54”	88°/88°

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 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
Option available for Touch 1x USB
Option available for integrated Alarm Buzzer

DuraMON WS Power Supply Options

Standard: 90-264Vac. 50-60Hz Input

Optional: 18-36Vdc Input

Dual power, AC/DC (option)

Power Consumption:

Size	P_{TYP} (Watt)	P_{MAX} (Watt)
24”	30	35
26”	50	55

DuraMON WS Environmental Conditions

Operating Temperature: -15 to 55 °C

Storage Temperature: -25 to 70 °C

Relative Humidity: 8 to 90 %

DuraMON 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 WS Physical dimensions

Size: 24” 593 (W) x 384,1 (H) x 68,3 (D)
26” 621 (W) x 435 (H) x 89 (D)

Weight: 24” 11 kg.
26” 14,5 kg

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

2 page flyer rev. 23.09.2014. Technical specifications are subject to change without prior notice.
For drawings and full technical specifications please consult the users manual.

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