

DuraMON WS

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



New Wide Viewing Angle display

DuraMON WS 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 built-state possibility.
- Long up time and less service.
- Low Power consumption.
- Zero Mercury

- High quality displays in 22", 24" and 27"
- Full HD 16:9 Wide Screen resolution
- Micro switch keys with backlight
- LED Backlight
- Backlight Dimming from 100% to 0%
- Desk / wall / roof mounting-brackets available.
- Compliant with IEC 60945 and IACS E10.
- DDC communication for day / dusk / night
- Customisation available.

Specifications

DuraMON WS

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 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 (IP 22 with optional rear-cover)

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). <i>DDC communication for adjustment for Day / Dusk / Night. (Optional extra)</i> |
| Control inputs: | 1x RS232 – for remote control | |

DuraMON WS 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 WS Environmental Conditions

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

DuraMON WS Approvals

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|-----------------|--|
| CE Mark: | EN61000-6-2 & EN61000-6-4 |
| Marine: | IACS E10 Rev. 5 & IEC 60945 Ed. 4 |
| Type Approvals: | DNV, ABS, GL, LR, BV, CCS <i>For latest marine class approvals – see www.isic-systems.com</i> |

DuraMON WS Physical dimensions

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|----------|--|
| 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) |

