

DuraMON - Monitors



Build-in



Stand Alone

DuraMON monitors are designed for industry, 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.

DuraMON is part of the “All-in one” **DuraFLEX** family, consisting of **DuraPC**, **DuraMON** and **DuraPANEL**.

- High quality displays; 15”, 17”, 19” and 20.1”
- Membrane keys with dimmable backlight.
- Backlight dimmable 100% to 0%
- Keys or dial dimming control options.
- IP65 sealed USB-port in front.
- IP65 built in loud speaker (option)
- Universal mounting-brackets available.
- ECDIS/RADAR options.
- Customisation available.

Specifications

DuraMON - General

Display sizes: 15-17-19 and 20.1 inch LCD (TFT)
View angle: 80° - 89° (L/R/T/B) (typical)
Luminance: 250 Cd/m² – 450Cd/m² (typical)
Contrast ratio: 500:1 – 1300:1 (typical)
Colours: 16.7 mill. (24-bit)
Materials: **Front:** Aluminium w. black coat
Rear: Aluminium w. black coat – EMC shielded connector-side
Window: Anti glare impact resistant safety glass
Protection: IP65 front – IP20 rear
Touch: 3M MicroTouch™ ClearTek™ II Capacitive (Optional extra on 4:3 monitors)

DuraMON - I/O

Video: **RGB :** Analogue 0.7 Vpp positive at 75Ω,
Separate sync or sync on green
Horizontal sync: 15-100 kHz (automatic)
Vertical sync: 30-100 Hz up to 1280x1024
30-60 Hz up to 1600x1200
DVI: Generally all VESA compatible video modes are supported up to 165MHz
(up to UXGA 60Hz and WUXGA 60Hz reduce blanking).
Special modes supported on request.
S-video, Composite video (option)
Extra VGA2 + DVI2 + buffered VGA2 out (option)
Control: 1x RS232 – for remote control / 2x RS485 for daisy-chain (option).
1x USB 2.0 input for connection to PC.
1x RS232 – for touch (only on monitors with touch-option).
Audio: Line in, 3.5mm jack socket

DuraMON - Power

Standard: 90-264Vac. 50-60Hz Input
Optional: 18-36Vdc Input

DuraMON - Environmental

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

DuraMON - Approvals

CE Mark: EN61000-6-2 & EN61000-6-4
Marine: IEC 60945 Ed. 4 & IACS E10 rev. 5

DuraMON - Dimensions

Size: 15" – 412 (W) x 345 (H) x 98 (D)
17" – 461 (W) x 393 (H) x 98 (D)
19" – 494 (W) x 454 (H) x 98 (D)
20.1" – 534 (W) x 450 (H) x 98 (D)
Weight: 15" – app. 9 kg.
17" – app. 10 kg.
19" – app. 11 kg.
20.1" – app. 12 kg.
Brackets: For Table-, wall-, and ceiling-mount



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