



[→ Product Website](#)

The FDU2603W was developed for ECDIS and radar systems. It has impressive optimal legibility when used on the bridge. It satisfies the requirements in terms of temperature, air humidity and vibration set out in the international standard for navigation and radio communication devices for shipping (IEC 60945).

- ✓ Wide dimming range with very low brightness
- ✓ ECDIS calibrated colors
- ✓ Clear view and wide viewing angles
- ✓ Approval from Classification Societies
- ✓ Durable and reliable, long-lasting LED backlight
- ✓ 24/7 use, 3 years warranty

Technical Data

GENERAL

| | |
|----------------------|------------|
| Item no. | FDU2603W |
| Case color | Black |
| Areas of application | Industry |
| Product line | DuraVision |
| Areas of application | Maritime |

SCREEN

| | |
|---|--|
| Screen size [in inches] | 26 |
| Screen size [in cm] | 65 |
| Format | 16:10 |
| Viewable image size (width x height) [in mm] | 550 x 343 |
| Ideal and recommended resolution | 1920 x 1200 |
| Pixel pitch [in mm] | 0,29 x 0,2865 |
| Panel technology | VA |
| Max. viewing angle horizontal | 176 |
| Max. viewing angle vertical | 176 |
| Number of colors or greyscale | 16.7 million colors (D-Sub, 8 Bit), 16.7 million colors (DVI, 8 Bit) |
| Max. brightness (typical) [in cd/m ²] | 490 |
| Max. dark room contrast (typical) | 1500:1 |
| Response time black/white/black change (typical) | 10/10 |
| Backlight | LED |

FEATURES & OPERATION

| | |
|------------------------------|--|
| Preset color/greyscale modes | 1x manual memory location, Day, Night, Dusk |
| 24/7 operation | ✓ |
| On-screen menu languages | en |
| Adjustment options | Signal information, Color Mode, Brightness, Contrast, Color temperature/White point, Gamma, Colour tone, Color saturation, Alignment, Backlight Off Mode, ECDIS Indicator, Power Indicator, Signal input, Key lock |
| Integrated power unit | ✓ |

CONNECTIONS

| | |
|----------------|--|
| Signal inputs | D-Sub, DVI-D (HDCP 1.4) |
| Signal outputs | D-Sub mini 15 pin (through-out (active)) |
| Graphic signal | DVI Single Link (TMDS), DVI Dual Link (TMDS) |
| Sync formats | Separate, Composite |

SOFTWARE & ACCESSORIES

| | |
|-------------|--|
| Accessories | MDS-T261 (Stand for 26-inch Maritime Monitors) |
|-------------|--|

ELECTRICAL DATA

| | |
|--|---|
| Frequency | DVI-D: 31-76 kHz/59-61 Hz; Dsub: 31-81 kHz/56-76 Hz |
| Maximum Power Consumption [in watts] | 108 |
| Power consumption with power switch off [in watts] | 0 |
| Power supply | AC: Rating AC 100 - 240 V (Operating: AC 85-264 V), 50/60 Hz, 1,2 A (AC 100 V) / 0,6 A (AC 200 V); DC: Rating DC+24 V (Operating: +30 % / -10 %), 4,5 A (DC 24 V) |
| Power management | ✓ |

DIMENSIONS & WEIGHT

| | |
|---|---|
| Dimensions (without stand) (width x height x depth) [in mm] | 624 x 456 x 86 |
| Weight (without stand) [in kg] | 14.5 |
| Dimension drawing (PDF) | Dimension drawing (PDF) |

CERTIFICATION & STANDARDS

| | |
|----------------------------|---|
| IP rating/protection class | IP65 (rear IP22) |
| Operating temperature | -15 - 55 °C / 10 - 90 % (R.H., non condensing) |
| Compass Safe Distance | Standard compass: 1,5 m, Steering compass: 1 m |
| Certification | Ship Classification: DNV (Norway), NK (Japan), LR (UK), ABS (USA), CE, CB, RoHS, WEEE, China RoHS, IEC60945, IEC61174, IEC62288, KC (K60950-1,K00022, K00024) |

WARRANTY

| | |
|------------------|---------|
| Warranty periode | 3 years |
|------------------|---------|

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