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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 <sup>2</sup> ]	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
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### 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)	<a href="#">Dimension drawing (PDF)</a>

### 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: LR (UK), NK (Japan), ABS (USA), DNV (Norway), CE, CB, RoHS, WEEE, China RoHS, IEC60945, IEC61174, IEC62288, KC (K60950-1, K00022, K00024)

### WARRANTY

Warranty periode	3 years
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