→ **Product Website**

Chart Table Monitor

With 4K UHD resolution (3840 x 2160) and a large diagonal of 138.8 cm / 54.6 inches, the DuraVision MDU5501WT offers the space and detail required for electronic charts. Brightness, luminance characteristics and colour reproduction are factory calibrated for colour-correct display in ECDIS systems. A responsive capacitive multi-touch surface allows operation with a finger or stylus. The monitor handles up to ten simultaneous touches, so it can be operated by multiple people simultaneously. A palm recognition feature allows users to easily place their hands or arms on the screen without accidentally triggering an input. Even spills are ignored by the touch system before it shuts down until cleaned. The DuraVision MDU5501WT has sophisticated brightness control with a wide dimming range from less than 1 cd/sqm to 610 cd/sqm to ensure optimal visibility during the day or at night.

- ✅ 55-inch 4K UHD monitor with ample space for efficient chart display
- ✅ Durable and reliable projective capacitive multi-touch surface for intuitive operation
- ✅ Good visibility with adjustable brightness setting for day and night

- ✅ Approval by classification societies and suitability for ECDIS use according to IEC 61174
- ✅ Meets the temperature, humidity and vibration requirements specified in the international standard IEC 60945
- ✅ Designed for 24-hour use and equipped with a three-year warranty

Technical Data

GENERAL

Item no.	MDU5501WT
Case color	Black
Areas of application	Industry
Product line	DuraVision
Areas of application	Maritime

SCREEN

Screen size [in inches]	54,6
Screen size [in cm]	139
Format	16:9
Viewable image size (width x height) [in mm]	1209,6 x 680,4
Ideal and recommended resolution	3840 x 2160 (4K UHD)
Pixel pitch [in mm]	0,315 x 0,315
Panel technology	VA
Max. viewing angle horizontal	178
Max. viewing angle vertical	178
Number of colors or greyscale	16.7 million colors (DVI, 8 Bit), 16.7 million colors (DisplayPort, 8 Bit), 16.7 million colors (HDMI, 8 Bit)
Max. brightness (typical) [in cd/m²]	610
Max. dark room contrast (typical)	4000:1
Response time grey-grey alternation (typical) [in ms]	8
Backlight	LED

FEATURES & OPERATION

24/7 operation	✔
Integrated power unit	✔
Touchscreen	✔
Touch panel type	Projected capacitive (PCAP)
Touch compatible OS	Windows 8.1 (64-bit/32-bit), Windows 11, Windows 10
Touch points	10

CONNECTIONS

Touch port	USB
Signal inputs	HDMI (HDCP 1.4/2.2), DisplayPort (HDCP 1.3), DVI-D (HDCP 1.4)
USB specification	USB 2
USB upstream ports	1 x type B
USB downstream ports	2x type A
Graphic signal	DVI Single Link (TMDS), DisplayPort, HDMI (RGB, YUV)
Control port	RS-485, ECOM, Modbus, RS-232C, USB-Protocol

Find your EIZO contact:
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Moosacherstrasse 6, Au
8820 Wädenswil ZH
Phone +41 44 782 24 40
www.eizo.ch

ELECTRICAL DATA

Frequency	DisplayPort: 31 - 135 kHz / 29 - 61 Hz HDMI: 31 – 135 kHz / 29 – 61 Hz DVI-D: 31 – 75 kHz / 59 – 61 Hz
Maximum Power Consumption [in watts]	199 (DC) / 195 (AC)
Power consumption with power switch off [in watts]	0
Power supply	AC 100-240 V, 50/60 Hz; DC 24 V

DIMENSIONS & WEIGHT

Dimensions (without stand) (width x height x depth) [in mm]	1334 x 888 x 120,6
Weight (without stand) [in kg]	71.7
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: 2,65 m, Steering compass: 1,70 m
Certification	Ship Classification: NK (Japan), LR (UK), ABS (US), DNV (Norway / Germany), CE, UKCA, CB, RoHS, WEEE, EU RO MR, IEC60945, IEC61174, IEC62288, IEC62388

SOFTWARE & ACCESSORIES

Other box contents	Touch-Pen inkl. Halterung, Quick guide

WARRANTY

Warranty periode	3 years