

DEUTA Wide Terminals

Everything at a glance!



IconTrust® - You can Trust.

DEUTA-WERKE 
Technology under Control



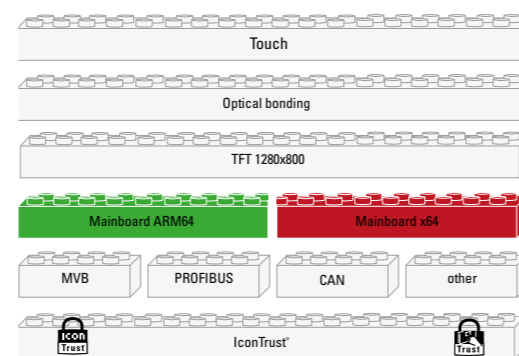
»DEUTA Wide Terminals - Everything at a glance!«

More Space for your Information

DEUTA Wide Terminals feature the compact installation dimensions of a 10" housing combined with a 12.1" display. The optically bonded surface offers space to display travel and vehicle data in parallel.

The Wide Terminals are optionally available with the IconTrust® and SelectTrust® safety functions to ensure secure display and input.

Depending on your requirements, the high-performance Intel Quad Core Elkhart Lake x64 or the sustainable IMX8X Quad Core A35 64-bit processors are available.



DEUTA Wide Terminals - 12.1"

Display type	Colour TFT 12.1" Wide
Display resolution	1280 x 800
Display backlight	LED backlight
Dimmable lighting	0 to 1,200 cd/m ²
Status LEDs	3 LEDs
Ambient light sensor	front side
Input unit	capacitive touch
CPU/clock frequency	D-EcoView®: IMX8X Quad Core ARM64 A35, 1.2GHz D-PowerView®: Intel Atom x64 13E 1.5 GHz Quad Core
RAM memory	D-EcoView®: 3 GB RAM DDR4 D-PowerView®: 8 GB RAM DDR4
Flash memory	16 GB SD card
Extensibility	upon request
Additional controller	Environment Controller
Voltage range	24 VDC to 110 VDC (± 30%)
Ethernet interfaces	2x 10/100 BaseT (M12 d-coded) ¹⁾
USB interfaces	2 x USB2.0 (M8 a-coded) ¹⁾
Vehicle bus I/O	RS 422/485, MVB, CAN, PROFIBUS
Audio out	1 x 10 W, 8 Ohm, amplifier
Cut-out	282 mm x 206 mm
Weight	approx. 3 kg
Protection category front/rear	IP 65 / IP 30
Temperature range operation	-25 °C to +70 °C OT3 classification
Temperature range for storage	-40 °C to +85 °C
Safe Supervision Function (optional)	with IconTrust® up to SIL2 with SelectTrust® up to SIL2
Operating system	LINUX
Project software	DEUTA (QDMI) or customer specific
Application software	In accordance with ETCS Baseline 3 and national train protection requirements
EN standards	EN45545-2 2013, EN50016, EN50155, EN50121, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61373
CE	yes

¹⁾ Available as accessories from DEUTA: Connector for 7-pole power supply, Scha151 redundancy switch, USB service cable - M8 to standard USB adapter, cable length 1 m, Ethernet service cable - M12 to RJ45 adapter cable, cable length 0.5 m, when used as redundant dual display; Vehicle bus connector cable DSUB9 4/40 UNC, ETH/ETC M12/M1



D-EcoView®



D-PowerView®



DEUTA-WERKE

Paffrather Straße 140 | 51465 Bergisch Gladbach | Germany
Phone +49 (0) 2202 958-100 | Fax +49 (0) 22 02 958-145
support@deuta.de | www.deuta.com | www.icontrust.com

DEUTA – The Home of Trust-Technology:



IconTrust®



SignalTrust®



MouseTrust®



SelectTrust®



DEUTA-WERKE GmbH | Paffrather Str. 140 | 51465 Bergisch Gladbach | Germany | Phone +49 (0) 2202 958-100 | Fax +49 (0) 22 02 958-145 | E-Mail: support@deuta.de | www.deuta.com
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