



Datasheet DLoG XMT 5/7

DLoG Antenna

Diversity (real distance diversity, using 2 separate antennas)

Perfect radiation pattern, reliable data transmission.

Housing & Mechanics

Perfect protection against vibrations, dust and other impacts.

Tested and certified even more extreme than US MIL requests.

DLoG Touch Screen

Simple and precise operation.

Breakage proof.

IP protection 65
from any side (360°)

Options



Features, that are standard with DLoG XMT 5/7:

LED Display: Higher illuminance, longer lifetime, reduced consumption

Operating temperature: -30°..+50°C (-22° .. 122°F) -> use in deep freeze environment and warehouse

Windows CE 6.0: Real CE, without restrictions when updating applications or drivers

Convertible design: Portrait und landscape mode possible



DLoG XMT 5/7 specifications

Housing fanless Design		
Material	Coated Aluminium	
Dimension, Weight	158 x 289 x 71 mm, 2,0 kg	
Display		
	LED-Display, 7", WVGA, 800 x 480	
	Convertible design: portrait and landscape use possible	
Touch Screen		
	DLoG-specific resistive Touch Screen	
System properties		
CPU	Marvell® PXA320 up to 806 MHz	
Memory	128 MB SDRAM / 128 MB Flash or 256 MB SDRAM / 256 MB Flash	
Graphics	Integrated Controller	
Software		
Operating System	MS® Windows® CE 6.0	
Emulations	VT100, VT220, IBM 5250, TN 3270 Citrix ICA Client® RDP Client	
Interfaces		
Serial	2 RS-232 interfaces, alternatively 1 x RS-232 and 1 x RS-422/485 COM 1 optionally 5 V or 12 V	
USB	2 x USB 2.0 Host 1 x USB 2.0 Client 1 x Service USB 2.0	
Audio	1 x speaker out, 1 x Mic In	
Ports		
SD	Up to 4 GB Extended Memory	
Communication		
WLAN	IEEE 802.11 b/g	
WWAN	Supporting: GSM-Quadband 850/900/1800/1900 EDGE 2.5G	
GPS	A-GPS Accuracy 2,5 m (CEP)	
CAN Bus	ID: CAN 2.0A, CAN 2.0B J1939 ready	
Audio		
Speaker	Integrated speaker Lautsprecher	
Network		
LAN	RJ45 10/100 Mbps	
Power supply		
DC	12/24 VDC or 24/48 VDC, galvanically isolated, Voltage sags up to 5VDC can be handled for up to 20sec	
Environmental specifications		
Protection class	IP 65	
Certifications	CE/FCC Class A	
Operating Temperature	-30° to +50° C / -22° to 122°F	
Storage Temperature	-35° to +65° C / -31° to 149°F	
Relative humidity	10% to 90% at 40°C, non condensing	
Shock / Vibration	Class 5M3 according DIN EN 60721-3-5 and MIL-STD 810F (US Highway Truck)	

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Highlights

DLoG Config Tool: Diagnostics and individual configuration of the Client

Brightness control: Via integrated front keys

Automatic shut down: Initiated by the ignition signal (automatically) or by the On/Off switch (manually) the operating system is shut down properly and the device is switched off.

Service USB: Easy to access for seamless software updates.

WLAN: Integrated diversity-antenna distance diversity: reliable communication

WWAN: Antenne integriert
Bis zu 236,8 Kbit/s (ds), 118 Kbit/s (ul)

GPS: Assisted GPS (A-GPS)

CAN: Data rates up to 1Mbps

Shock- and vibration tests following tight DIN- and US-Standards:

DLoG terminals are suitable for use in locations where heavy vibrations and impacts occur, for example on non-suspension vehicles or machines with substantial imbalances.

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