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 class IP 66 / IP 67
from any side (360°)

Options

DIVERSITY

GPS

CAN

WWAN

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, 2,2 k - 6.2 x 11.4 x 2.8 inch, 4.8 lb
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	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	24/48 VDC, galvanically isolated,
		Voltage sags up to 5VDC can be handled for up to 20sec
Environmental specifications		
	Protection class	IP 67 and IP 66 (contains IP 65 and IP 54)
	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)

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 swith (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: Antenna integrated
Up to 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 excample on non-suspension vehicles or machines with substantial imbalances.

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