



Data sheet DLoG X 12

DLoG antenna
Mechanically stable. Optimum transmission characteristics. Reliable, fast data transfer.

Protection class
IP 54 / IP 65 / IP 66 / IP 67 for the entire system.

Mounting
Over 70 mounting solution alternatives. Stationary and mobile. Also for non-suspension vehicles.



Thermal concept
Freezer capable. Robust against fast changing temperatures.

DLoG touch screen
Simple and precise operation. High breakage resistance.

Mechanical design
Optimal mechanical protection. Secure against vibrations, impact and environmental conditions. Tougher testing standards than the US MIL-Std.

Variations

We offer a large selection of design variations and accessories, such as:

4 or 25 front keys



Panel Mount



External keyboard and scanner



DLoG X 12 is a compact, industrial capable Windows® CE terminal. WLAN/GSM connection, a 12" color TFT with touch screen, high IP protection as well as shock and vibration resistance make the DLoG X 12 the ideal terminal for modern logistics and industrial applications.

Used in outside or freezer areas, it bears up in extreme temperatures and is reliable and safe.



Specifications DLoG X 12

Housing		Coated Aluminium Fanless design
Dimensions	Weight	10.3" x 12.6" x 4.0" / 261 x 319 x 101 mm (without bracket, without antenna) 4.7 kg
Display (internal)		Color TFT, 12.1" SVGA, 800 x 600, 350 cd/m ²
Touch screen		DLoG specific resistive touch screen
System features		
CPU	Memory	Marvell® PXA270 to 520 MHz 64 MB SDRAM / 64 MB Flash or 128 MB SDRAM / 128 MB Flash
Software		Graphics Integrated LCD controller
Operating system	Emulations	MS® Windows® CE 5.0, CE 6.0 on request VT100, VT220, IBM 5250, TN 3270 Citrix ICA Client® RDP Client
Ports		
Serial	USB	2 RS232 interfaces, alternatively 1 x RS232 and 1 x RS422/485 Optional feature: COM 1, 5 V or 12 V 2 USB 2.0 (low and full speed) interfaces, 1 host and 1 client or 2 host
Slots		Keyboard/mouse Externally via USB port
PC Card (16-bit)	CF	1 x type I / type II 1 x type I
Network		WLAN 802.11b/g
Expansion cards		USB 4 USB ports
Power supply		AC DC 110/230 VAC, 100 W, 50 to 60 Hz 24/48 VDC, 60 W and 100 W, galvanically isolated Voltage sags up to 10 VDC can be handled for up to 20 sec. 12 VDC, 100 W, galvanically isolated Voltage sags up to 5 VDC can be handled for up to 20 sec.
Environmental conditions		Protection class Test marks Operating temperature Storage temperature Relative humidity Vibration / Shock IP 54 / IP 65 / IP 66 / IP 67 CE/FCC Class A 32 °F to 122 °F / 0 °C to +50 °C -22 °F to 122 °F / -30 °C to +50 °C (with heating only) -4 °F to 140 °F / -20 °C to +60 °C 10 % to 90 % at 104 °F / 40 °C, non-condensing Class 5M3 according to EN 60721-3-5 Or US Highway Truck as MIL-STD 810F

Highlights

DLoG Config Tool: Diagnostics and individual configuration of the Client

Brightness control: Manually

Environment controller : Statistics, configuration and monitoring functions (temperature, ignition, backlight, etc.)

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

Shock and vibration tests to stringent 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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