



## 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

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