



## Data sheet DLoG X 7

**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 17 Front keys



Landscape



External keyboard and scanner



DLoG X 7 is a compact, industrial capable Windows® CE terminal. WLAN/GSM connection, a 7" color TFT with touch screen, high IP protection as well as shock and vibration resistance make the DLoG X 7 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 7

<b>Housing</b>		Coated Aluminium Fanless design
Dimension	Weight	9.0" x 6.2" x 3.3" / 229 x 158 x 85 mm 2.5 kg
<b>Display (internal)</b>		Color-TFT, 7", WQVGA, 480 x 234, 500 cd/m <sup>2</sup> Portrait and landscape use possible
<b>Touch screen</b>		DLoG specific resistive touch screen
<b>System properties</b>		CPU: Marvell® PXA270 to 520 MHz Memory: 64 MB SDRAM / 64 MB Flash or 128 MB SDRAM / 128 MB Flash Graphics: Integrated LCD-Controller
<b>Software</b>		Operating system: MS® Windows® CE 5.0, CE 6.0 on request Emulations: VT100, VT220, IBM 5250, TN 3270 Citrix ICA Client® RDP Client
<b>Interfaces</b>		Serial: 2 RS232 interfaces, alternatively 1 x RS232 and 1 x RS422/485 Optional feature: COM 1, 5 V or 12 V USB: 2 USB 2.0 (low and full speed) interfaces, 1 host and 1 client or 2 host Keyboard / Mouse: Externally via USB port
<b>Ports</b>		PC-Card (16-bit): 1 x type I / type II CF: 1 x type I
<b>Network</b>		WLAN: WLAN 802.11b/g
<b>Extension card</b>		USB: 4 USB ports
<b>Power supply</b>		AC: 110/230 VAC, 30 W, 50 to 60 Hz DC: 12/24 VDC or 24/48 VDC, 36 W, galvanically isolated Voltage sags up to 5 VDC can be handled for up to 20 sec.
<b>Environmental specifications</b>		Protection class: IP 54 / IP 65 / IP 66 / IP 67 Certificates: CE/FCC Class A Operating temperature: -32° to +122 °F / 0° to +50 °C -22° to +122 °F / -30° to +50 °C(option) Storage temperature: -31° to +149 °F / -35° to +65 °C Relative humidity: 10% to 90% at 104 °F / 40 °C, non-condensing Vibration / Shock: Class 5M3 according to EN 60721-3-5 and US Highway Truck as MIL-STD 810F

## Highlights

**Brightness control:** Via integrated front keys / automatically

**DLoG Config Tool:** Diagnostics and individual configuration of the Client

**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.

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

**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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