



## Data sheet DLoG MPC 6/110

**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, 10 or 25 front keys



Panel Mount and  
Stainless Steel



External keyboard and scanner



DLoG MPC 6/110 combines industrial capability, simple operation and excellent visualization all in one. It guarantees high IP protection, is operated simply by touch screen, and despite its compact build, has a large 10.4" display.

Technical features such as WLAN connection, RFID integration and automatic shut down make it the ideal vehicle terminal for forklifts, picking vehicles, construction machines and trucks. Using integrated heating, it also works reliably and safely in extreme outside temperatures or freezer areas.



## Specifications DLoG MPC 6/110

|                                     |  |  |
|-------------------------------------|--|--|
| <b>Housing</b>                      |  | Coated Aluminium<br>Fanless design   |
| <b>Dimensions</b>                   |  | 8.9" x 11.0" x 3.3" / 226 x 280 x 83 mm (without bracket and antenna)  |
| <b>Weight</b>                       |  | 4.0 kg   |
| <b>Display (internal)*</b>          |  | Color-TFT, 10.4", SVGA, 800 x 600, 230 cd/m <sup>2</sup><br>Color-TFT, 10.4", SVGA, 800 x 600, 400 cd/m <sup>2</sup><br>Color-TFT, 10.4", VGA, 640 x 480, 400 cd/m <sup>2</sup><br>(*brighter displays on request) |
| <b>Touch screen</b>                 |  | DLoG specific resistive touch screen   |
| <b>System properties</b>            |  |  |
| <b>CPU</b>                          |  | Intel® Celeron® M 800 MHz Low Voltage or 1 GHz Ultra Low Voltage   |
| <b>Chipset</b>                      |  | Intel® 82915GM   |
| <b>Memory</b>                       |  | 512 MB up to 1 GB DDR2   |
| <b>Sound</b>                        |  | Optional feature   |
| <b>Software</b>                     |  |  |
| <b>Operating systems</b>            |  | DOS®, MS® Windows® XP Professional, XP Embedded, Linux on request  |
| <b>Emulations</b>                   |  | VT100, VT220, IBM 5250, TN 3270<br>Citrix Client®<br>Freefloat access One  |
| <b>Mass storage</b>                 |  |  |
| <b>CF card</b>                      |  | Type I/II up to 16 GByte   |
| <b>Hard disc drive</b>              |  | 20/40 GByte (Shock-/Vibration up to class 5M2)   |
| <b>CD/Floppy/Memory Stick</b>       |  | Drive external (via USB), bootable   |
| <b>Interfaces</b>                   |  |  |
| <b>Serial</b>                       |  | 2 RS232 interfaces, alternatively 1 x RS232 and 1 x RS422/485<br>Optional feature: COM 1, 5 V or 12 V,   |
| <b>USB</b>                          |  | 2 interfaces USB 2.0 (HI-SPEED™), bootable   |
| <b>Keyboard / Mouse</b>             |  | Standard 6 pin Mini-DIN connector (PS/2-port)  |
| <b>Ports</b>                        |  |  |
| <b>PCI</b>                          |  | 1 x PCI 32 Bit, Rev. 2.2 compatible for ultra short card<br>(max. length 5.55 inches / 141 mm)   |
| <b>Internal Cardbus**</b>           |  | 1 x Cardbus Type I/II (16/32 bit) or   |
| <b>PCIe MiniCard**</b>              |  | 1 x PCIe MiniCard (**both features at once on request)   |
| <b>Network</b>                      |  |  |
| <b>WLAN</b>                         |  | IEEE 802.11b/g, a/b/g  |
| <b>LAN</b>                          |  | Ethernet 10/100 Mbit/s   |
| <b>Power supply</b>                 |  |  |
| <b>AC</b>                           |  | 110/230 VAC, 100 W, 50 to 60 Hz  |
| <b>DC</b>                           |  | 24/48 VDC, 60 W or 100 W, galvanically isolated<br>Voltage sags up to 10 VDC can be handled for up to 20 sec.<br>12 VDC, 100 W, galvanically isolated<br>Voltage sags up to 5 VDC can be handled for up to 20 sec. |
| <b>Environmental specifications</b> |  |  |
| <b>Protection class</b>             |  | IP 54 / IP 65 / IP 66 / IP 67  |
| <b>Certificates</b>                 |  | CE Immunity Class A, Emission Class B / FCC Class B  |
| <b>Operating temperature</b>        |  | 32° to +122 °F / 0° to +50 °C<br>-22° to +122 °F / -30° to +50 °C with optional heating  |
| <b>Storage temperature</b>          |  | -4° to +140 °F / -20° to +60 °C<br>-31° to +140 °F / -35° to +60 °C (depending on configuration)   |
| <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  |

## Highlights

**Screen-Blanking:** Disables the display under certain conditions (e.g. vehicle is moving)

**Brightness control:** Via integrated front keys

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

**Automatic shut down:** Initiated by the ignition signal 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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