



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

Housing		Coated Aluminium Fanless design
Dimensions		8.9" x 11.0" x 3.3" / 226 x 280 x 83 mm (without bracket and antenna)
Weight		4.0 kg
Display (internal)*		Color-TFT, 10.4", SVGA, 800 x 600, 230 cd/m ² Color-TFT, 10.4", SVGA, 800 x 600, 400 cd/m ² Color-TFT, 10.4", VGA, 640 x 480, 400 cd/m ² (*brighter displays on request)
Touch screen		DLoG specific resistive touch screen
System properties		
CPU		Intel® Celeron® M 800 MHz Low Voltage or 1 GHz Ultra Low Voltage
Chipset		Intel® 82915GM
Memory		512 MB up to 1 GB DDR2
Sound		Optional feature
Software		
Operating systems		DOS®, MS® Windows® XP Professional, XP Embedded, Linux on request
Emulations		VT100, VT220, IBM 5250, TN 3270 Citrix Client® Freefloat access One
Mass storage		
CF card		Type I/II up to 16 GByte
Hard disc drive		20/40 GByte (Shock-/Vibration up to class 5M2)
CD/Floppy/Memory Stick		Drive external (via USB), bootable
Interfaces		
Serial		2 RS232 interfaces, alternatively 1 x RS232 and 1 x RS422/485 Optional feature: COM 1, 5 V or 12 V,
USB		2 interfaces USB 2.0 (HI-SPEED™), bootable
Keyboard / Mouse		Standard 6 pin Mini-DIN connector (PS/2-port)
Ports		
PCI		1 x PCI 32 Bit, Rev. 2.2 compatible for ultra short card (max. length 5.55 inches / 141 mm)
Internal Cardbus**		1 x Cardbus Type I/II (16/32 bit) or
PCIe MiniCard**		1 x PCIe MiniCard (**both features at once on request)
Network		
WLAN		IEEE 802.11b/g, a/b/g
LAN		Ethernet 10/100 Mbit/s
Power supply		
AC		110/230 VAC, 100 W, 50 to 60 Hz
DC		24/48 VDC, 60 W or 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 specifications		
Protection class		IP 54 / IP 65 / IP 66 / IP 67
Certificates		CE Immunity Class A, Emission Class B / FCC Class B
Operating temperature		32° to +122 °F / 0° to +50 °C -22° to +122 °F / -30° to +50 °C with optional heating
Storage temperature		-4° to +140 °F / -20° to +60 °C -31° to +140 °F / -35° to +60 °C (depending on configuration)
Relative humidity		10% to 90% at 104 °F / 40 °C, non-condensing
Vibration / Shock		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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