



Data sheet DLoG IPC 7/215

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 front keys



25 front keys



External keyboard and scanner



DLoG IPC 7/215 is an industrial PC for use in production, logistics and many more areas – whenever it's important for long-term, reliable function in rugged environments. With its rugged construction it can easily withstand extreme mechanical, electrical, chemical and thermal environmental conditions.

DLoG IPC 7/215 combines industrial capability, simple operation and excellent visualization in one unit.



Specifications DLoG IPC 7/215

Housing		Coated Aluminium
Dimensions		12.8" x 15.6" x 4.8" / 326 mm x 395 mm x 121 mm
Weight		8,3 kg
Display (internal)*		Color-TFT, 15", XGA, 1024 x 768, 450 cd/m ² (*brighter displays on request)
Touch screen		DLoG specific resistive touch screen
System properties		
CPU		Intel® Celeron® M 800 MHz Low Voltage, 1 GHz Ultra Low Voltage or Intel®Pentium® M 2 GHz
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 disk 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™) compatible
Keyboard / Mouse		Standard 6 pol. Mini-DIN connector (PS/2 interface)
Ports		
PCI		2 x PCI port 32 Bit, Rev. 2.2 compatible for short card (max. length 5.55 inches / 174 mm)
Internal Cardbus**		1 Cardbus for Type I/II (16/32 bit) or
PCIe MiniCard**		1 x PCIe MiniCard (**both features at once on request)
Network connection		
WLAN		IEEE 802.11 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 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		IP 54 / IP 65 / IP 66 / IP 67
Certificates		CE/FCC Class A
Operating temperature		32 °F to 122 °F / 0 °C to +50 ° 14 °F to 122 °F / -10 °C to +50 °C with optional temperature extension 4 °F to 140 °F / -20 °C to +60 °C
Storage temperature		10% to 90% at 104 °F / 40 °C, non condensing
Relative humidity		10% to 90% at 104 °F / 40 °C, non condensing
Vibration/Shock		Class 5M3 according to EN 60721-3-5 Or US Highway Truck as MIL-STD 810F

Highlights

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

Brightness control: Via integrated front keys

Automatic shut down: Initiated by the ignition signal the operating system is properly shut down and the device is switched off.

DLoG Config Tool: Diagnostics and individual configuration of the Client

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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