

IPC 7/215

DLOG IPC 7/215



The DLOG IPC 7/215 is a rugged Windows XP terminal designed for use in harsh and demanding environment.

Protection class IP54/IP65, WLAN connectivity, 15" TFT touch screen display and vibration/shock protection make it the perfect terminal for industrial related applications.

Technical Data

Housing		Coated Aluminium
	Bracket	Several mounting brackets for fixed or vehicle mount applications
	Dimensions	12.8" x 15.6" x 4.8" / 326 mm x 395 mm x 121 mm (including fan)
	Weight	8,3 kg
Display (internal)**		Color-TFT, 15", XGA, 1024 x 768 pixel, typical 450 cd/m ²
Touch Panel		Resistive or capacitive analog Touch Panel Mouse-compatible
System properties		CPU Intel® Celeron® M 800 MHz, 1 GHz or Intel®Pentium® M 2 GHz Chipset Intel® 82915GM + Intel® 82801 FBM (ICH6-M) RAM 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 Citrix Client Freefloat Access One
Mass storage		CF card currently up to 16 GByte Hard disk 20/40 GByte (Shock-/Vibration up to class 5M2) CD/Floppy/Memory Stick drive external (via USB), bootable from DOS
Interfaces		Serial 2 RS232 interfaces, alternatively 1 x RS-232 or 1 x RS-422/485 optional feature: Com 1 5V or 12V USB 2 interfaces USB 2.0 (HI-SPEED™) compatible Keyboard / Mouse Standard 6 pol. Mini-DIN connector (PS/2 interface)
Ports		PCI 1 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

Network connection	WLAN	Cardbus/PCIe MiniCard IEEE 802.11 b/g, IEEE 802.11g
	LAN	Ethernet card 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. at 80 W
Features	Power consumption	35 - 70 W (depending on the display)
	Brightness control	Manually/automatically
	On/Off	On/Off switch integrated in front panel
	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. Otherwise the PC would be switch-off 'hard'.
	Screen-Blanking	Disables the display under certain conditions (e.g. vehicle is moving)
	Environment controller	Statistics, configuration and monitoring functions (temperature, ignition, backlight, etc.)
	Heating	For operation in deep freeze (-22 °F / -30 °C)
	WLAN antenna	DLoG antennas for several applications
Integrated keyboard		4 Keys Power, Backlight +/-, Backlight on/off or with 25 keys additionally F1-F12, 0-9, Dot, Backspace, Shift, Arrow keys, ESC, Enter, Page up/down, Home, End, 2 additional keys
	External keyboard	Can be used in parallel to the integrated soft keyboard
	External keyboard	
Environmental conditions	Protective class	IP54/IP65 (assuming cable cover mounted properly)
	Certificates	CE/FCC Class A
	Operating temperature	32 °C to 122 °F / 0 °C to +50 °C (operating temperature < 0 °C / < 32 °F on request)
	Storage temperature	-22 °C to 140 °F / -30 °C to +60 °C
	Relative humidity	10% to 90% at 104 °F / 40 °C, non condensing
	Vibration/Shock	Class 5M3 according to EN 60721-3-5 (1997) (terrestrial vehicle), 5 h random vibration 3.6 g effective and 36 shocks 30 g Or US Highway Truck as MIL-STD 810F: 2000 (Department of Defense), 3 h random vibration 1 g effective and 18 shocks 20 g peak

*both features at once on request
**brighter displays on request

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