

X10 / X12 DLoG X10 / X12



The DLoG X 10 and DLoG X 12 are rugged Windows CE terminals designed for use in harsh and demanding environment.

Protection class IP54/IP65, WLAN/GSM connectivity, 10.4" or 12.1" TFT touch screen display and vibration/shock protection make it the perfect terminal for industrial and transportation/logistics related applications.

Technical data

Housing		Coated aluminum Fanless design
	Bracket holder	Several mounting brackets for fixed or vehicle mount applications
	Dimensions	DLoG X10: 8.9" x 11.0" x 3.4" / 226 x 280 x 86 mm (without bracket, without antenna) DLoG X12: 10.3" x 12.6" x 4.0" / 261 x 319 x 101 mm (without bracket, without antenna)
	Weight	DLoG X10: 4.0 kg, X 12: 4.7 kg
Display (internal)		Color TFT, 10.4" SVGA, 800 x 600 dpi, 230 cd/m ² Color TFT, 10.4" SVGA, 800 x 600 dpi, 400 cd/m ² Color TFT, 12.1" SVGA, 800 x 600 dpi, 350 cd/m ²
Touch screen		Resistive analog touch screen Mouse-compatible
System features		CPU: Marvell PXA270; up to 520 MHz RAM: 64 MB SDRAM / 128 MB SDRAM ROM: 64 MB Flash / 128 MB Flash Graphics: Integrated LCD controller
Software		Operating systems: MS Windows CE 5.0, Embedded Linux (upon request) Emulations: VT100, VT220, IBM 5250, TN 3270 (Freefloat Access One) Citrix ICA Client® RDP Client
Ports		Serial: 2 RS232 interfaces, alternatively 1 x RS-232 and 1 x RS-422/485 optional feature: Com 1 5V or 12V USB: 2 USB 2.0 (low and full speed) interfaces, 1 host and 1 client, or 2 host Keyboard/mouse: Externally via USB port
Slots		PC Card (16-bit): 1 x type I / type II CF: 1 x type I
Network		WLAN: CF card WLAN 802.11b/g, supports WEP 40/128 and WPA/ WPA2
Expansion cards		USB: 4 USB ports

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
	Power consumption	15 W (depending on the display), during heating operation 100 W max.
Features	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'.
	Environment controller	Statistics, configuration and monitoring functions (temperature, ignition, backlight, etc.)
	Heating	For operation in deep freeze (-22 °F / -30 °C)
	WLAN antennas	DLoG antennas for several applications
	Internal keyboard	4 Keys Power, Backlight +/-, Backlight on/off or 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
Ambient conditions	Protection class	IP54/IP65 (assuming cable cover mounted properly)
	Test marks	CE/FCC Class A
	Operating temperature	32 °F to 122 °F / 0 °C to + 50 °C (depending on the display) -22 °F to 122 °F / -30 °C to + 50 °C (with heating only)
	Storage temperature	-4 °F to 149 °F / -20 °C to + 65 °C
	Relative humidity	10 % to 90 % at 104 °F / 40° C, non-condensating
	Mechanical vibration and shock resistance	Class 5M3 according to EN 60721-3-5 (1997) (terrestrial vehicle), 5 h random vibration 3.6 g effective and 36 shocks30 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

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