

# X7 DLoG X7



The DLoG X7 is a rugged Windows CE terminal designed for use in harsh and demanding environment.

Protection class IP54/IP65, WLAN/GSM connectivity, 7" TFT touch screen display and vibration/shock protection make it the perfect terminal for industrial and transportation related applications.

The DLoG X7 is especially built for usage in environment with extreme temperature ranges.

## Technical Data

Housing		Coated Aluminium Fanless design
	Bracket	Several mounting brackets for fixed or vehicle mount applications
	Dimension	9.0" x 6.2" x 3.3" / 229 x 158 x 85 mm
	Weight	2,5 kg
Display (internal)		Color-TFT, 7", 16:9, 480 x 234, WQVGA, 500 cd/m <sup>2</sup> Portrait and landscape use possible
Touch Panel		resistive analog Touch Panel mouse-compatible
System properties	CPU	Marvell® PXA270 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 (on request)
	Emulations	VT100, VT220, IBM 5250, TN 3270 (Freefloat Access One) Citrix ICA Client RDP Client
Interfaces	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 und full speed) interfaces, 1 host and 1 client, or 2 host
	Keyboard / Mouse	Externally via USB port
Ports	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
Extension card	USB	4 USB ports

Power supply	DC	12/24 VDC or 24/48 VDC, 36 W, galvanically separated Voltage sags up to 5 VDC can be handled for up to 20 sec.
	AC	110/230 VAC, 30 W, 50 to 60 Hz
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.)
	WLAN antennas	DLoG antennas for several applications
Environmental specifications	Internal keyboard	4 keys: Power, Backlight +/-, Backlight on/off or with 17 keys: additionally F1-F10, 0-9, ESC, Enter, Shift,
	External keyboard	Can be used in parallel to the integrated soft keyboard
Environmental specifications	Protective class	IP54/IP65 (assuming cable cover mounted properly)
	Certificates	CE/FCC Class A
	Operating temperature	-22° to +122 °F / -30° to +50 °C power on temperature >= -25 °C
	Storage temperature	-31° to +149 °F / -35° to +65 °C
	Relative humidity	10% to 90% at 104 °F / 40 °C, non condensing
	Vibration 7 Shock	Class 5M3 according to EN 60721-3-5 (1997) (terrestrial vehicle), 5 h random vibration 3.6 g effective and 36 shocks30 g  and 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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