

DL9700

Vehicle mounted terminal



PRELIMINARY

General Description

The **DL9700** is the new Datalogic vehicle mounted RF computer of the mobile@work™ family.

Designed for all operating conditions, the **DL9700** is available for either standard or sub-zero environments, enabling the terminal to perform at temperatures as low as -30°C. Providing a superior protection class (IP65) and an intuitive usage of the constantly illuminated keyboard, the **DL9700** is the most flexible solution for applications in extremely harsh environments.

Thanks to its particular mounting bracket, the **DL9700** is also immune to vibrations and mechanical shocks. Communication is extremely flexible: Datalogic supplies RF WLAN technology, compliant with the IEEE 802.11b Wi-Fi standard, enabling businesses to employ the latest standards.

Communication management with the legacy system takes advantage of the new software product line, which includes terminal emulation connectivity for OS/400, Unix, Microsoft Windows platforms and linking bridges to the most diffused ERPs, such as SAP R/3.

In addition, the **DL9700** can be used in combination with the Dragon™ laser gun to allow barcode data entry, in both directly powered cable and cordless versions.

Flexibility in wireless communication, a progressive operating system and an impressive feature list make the durable **DL9700** an essential and reliable tool for today's challenging warehouse management environment.

Features

- > **MOBILE @work™**
- > IP65 sealed and 25G shock tested
- > Cold store option
- > Internal (11-75 VDC) power supply
- > Large, retro-illuminated keyboard
- > Wide LCD or VFD display
- > Bar code scanning support
- > DL TCL™ enabled
- > MCL-client support
- > WLAN 802.11b Wi-Fi Standard

Applications

- > Inventory and shipment (freight) management
- > Cold storage and harsh outdoor applications
- > Manufacturing environments

Specifications

PHYSICAL CHARACTERISTICS

DIMENSIONS	320x250x90 mm (h x W x D)
WEIGHT	3,5 Kg. Approx (excluding mounting bracket)
OPERATING TEMPERATURE	-30° to 50°C with VFD display; 0° to 50°C with LCD display
STORAGE TEMPERATURE	-30° to 70°C with VFD display; -20° to 60°C with LCD display
ENVIRONMENTAL SEALING	IP65
SHOCK	25g peak pulse, duration 6 ms, 1000 impulses on each axis
RANDOM VIBRATION	3g RMS, 5Hz to 1000 Hz, 60 min duration on each axis
DISPLAY	Wide LCD with backlight or VFD display
KEYBOARD	57-key alphanumeric keyboard with constant illumination and audible key beep; Universal ABCD layout to include IBM5250 and VT100/220 functions
PC-CARD SLOTS	2 type III PCMCIA with embedded antenna
POWER	Internal wide range power supply (11-75 VDC); Transient spike and overcurrent/voltage protected; Reverse polarity protected; Connects directly to vehicle battery
CONTROL SWITCHES	Power ON/OFF, contrast, backlight, alphanumeric toggle
STATUS INDICATOR LIGHTS	Power and caps lock

PERFORMANCE

MICROPROCESSOR	AMD Elan SC400 @ 32MHz
OPERATING SYSTEM	MS DOS 7.1
SYSTEM RAM MEMORY	2 MB
SYSTEM FLASH MEMORY	8 MB
REAL TIME CLOCK	Time and date stamping under software control
INTERFACES	2 RS232-C serial interfaces; COM2 with barcode option

RF DATA COMMUNICATION

NETWORK	WLAN, 802.11b Wi-Fi
ANTENNA	Integrated or External, with diversity option
FREQUENCY RANGE	Country dependent, typically 2.4 to 2.5 GHz

PERIPHERALS

SCANNER	Dragon D, or Dragon M for cordless data collection
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ACCESSORIES

MOUNTING BRACKETS	Included in the package
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