



DL8700

Vehicle Mounted Terminal

FEATURES



- WLAN IEEE 80.11b or OpenAir Standard
- Full terminal emulation support
- IP66 protection class
- First-class electroluminescent (EL) display 640 X 200 pixels
- Large and intuitive QWERTY or ABCD keyboard
- Vibration proof

APPLICATIONS

- Warehousing
- In-outdoor data collection
- Yard management

GENERAL DESCRIPTION

Datalogic is proud to introduce the **DL8700**, the vehicle mounted RF computer. Designed and built for rugged environments, the **DL8700** provides a superior protection class for applications in extremely harsh environments (IP66). Its architecture is powered by a 32-bit microprocessor, with electro-luminescent waterproof display (1/2 VGA) and full keyboard for easy data entry. A choice between a QWERTY or ABCD keyboard is available to meet any user requirements. Thanks to its particular mounting bracket, the **DL8700** is also immune to vibrations and mechanical shocks.

Communication is extremely flexible and compliant with all emerging technologies and different vendors. Datalogic supplies RF WLAN technology, compliant with the IEEE 802.11b standard including Voice over IP support, and OpenAir.

Communication management to the legacy system takes advantage of the new software product line which includes terminal emulation connectivity for OS/400, Unix, Microsoft Windows platforms, including the most used ERPs, such as SAP R/3. In addition, the **DL8700** can be used in combination with the Dragon™ laser gun to allow automatic data entry; both cabled and cordless versions of the Dragon™ can be used. With the cabled version the Dragon™ can be directly powered by the **DL8700** serial connector, simplifying the installation procedure.

The **DL8700** is a powerful, sturdy VMT solution for any warehousing application.



MODELS



RADIO TYPE

- Proxim (EU, FR, SP)
- Cisco (EU, FR)
- Lucent (EU, FR)

KEYBOARD

- QWERTY
- ABCD

EMULATION

- IBM5250
- ANSI+ (VT/HP)

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

DIMENSIONS	229 x 305 x 83 mm (H x W x D)
WEIGHT	Approx. 2.268 Kg
ENCLOSURE	Combination High Impact Black polycarbonate/polyester blend plastic and aluminium casting
OPERATING TEMPERATURE	-20 to 50 °C (-4 to 122 °F)
STORAGE TEMPERATURE	-20 to 70 °C (-4 to 158 °F)
VIBRATION RESISTANCE	Based on MIL STD 810D
ENVIRONMENTAL SEALING	IP66, sealed against water and dust
DISPLAY	Super Bright Electroluminescent (EL) 640 x 200 pixels
POWER	10 - 80 Vdc Internal and NiCd back-up battery
KEYBOARD	Integrated QWERTY or ABCD with specific overlay for emulation

PERFORMANCE

MICROPROCESSOR	Intel® 486 SX ULP
OPERATING SYSTEM	Phoenix PICO BIOS®
SYSTEM RAM MEMORY	4 MB
SYSTEM FLASH MEMORY	8 MB
INTERFACES	Electrical: 2 RS 232 DA-9 with 5 U power options

RF DATA COMMUNICATION

NETWORK	WLAN, IEEE 802.11b or OpenAir compliant
ANTENNA	External
FREQUENCY RANGE	Country dependent, typically 2.4 to 2.5 GHz



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