rhino™

Vehicle mounted terminal

General Description

Rhino™ is the new Datalogic vehicle mounted RF terminal of the mobile@work™ family.

Designed for all operating conditions, **Rhino™** 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, **Rhino™** is the most flexible solution for vehicle applications in extremely harsh environments. Thanks to its particular mounting bracket, **Rhino™** 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. **Rhino™** is equipped two standard type III PCMCIA slot that allow to support the Radio Ready concept.

Integration management to the legacy systems takes advantage of the new software product line that includes terminal emulation connectivity through DL TCL™, while client server applications benefit from the use of the MCL-Collection™ Suite.

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

All **Rhino™**'s features can be easily configured through the DL Mobile Configurator™, powerful Windows tool for mobile@work™ terminals.

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

Features

> WLAN 802.11b (Wi-Fi) Standard
> IP65 sealed and 25G shock tested
> Cold store option for -30°C
> Internal (11-75 VDC) power supply
> Retro-illuminated keyboard with numeric keypad
> Wide LCD or VFD display
> Cordless bar code scanning support
> DL TCL™ Terminal Emulation enabled

Applications

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

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Specifications

PHYSICAL CHARACTERISTICS

DIMENSIONS	320x250x90 mm (H x W x D)
WEIGHT	3,5 Kg. Approx (excluding mounting bracket)
OPERATING TEMPERATURE	-30° to 50ºC with VFD display; 0° to 50ºC with LCD display
STORAGE TEMPERATURE	-30º to 70ºC with VFD display; -20° to 60ºC 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 (640x200 pixel) with backlight or VFD (256x128 pixel) 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 PCMCIA type III
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 bar code 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

TETHERED SCANNER	Dragon™ Desk
CORDLESS SCANNER	Dragon™ Mobile with STAR-Modem

ACCESSORIES

MOUNTING BRACKETS	Included in the package
POWER CABLE	Included in the package
SERIAL CABLE	Included in the package (for local communication with PC)

STAR★Modem™

Dragon™

DL Mobile Configurator™

DATALOGIC

Quality Partner
Accredited Reseller