

Vehicle Mount Computer

HIGHLIGHTS

• FULL-INTEGRATED

Rhino-NET™ is a full-integrated wireless vehicle mounted computer equipped with WindowsCE.Net operating system technology.

Designed for all operating conditions, Rhino-NET™ is capable of working in freezing environments, reaching temperatures of -30°C. Providing a superior protection class (IP65) and an intuitive use of the integrated and constantly illuminated keyboard, Rhino-NET™ is the most flexible solution for vehicle applications in extremely harsh environments.

Thanks to its particular mounting bracket, Rhino-NET™ is also immune to vibrations and mechanical shocks.

• FLEXIBLE

Communication is extremely flexible: equipped with two standard type III PCMCIA slots, Rhino-NET™ is compliant with the IEEE 802.11b/g standard, and provides access to the latest security protocols.

Integration management to the legacy systems takes advantage of the new Wavelink Powered™ program, providing both Wavelink® Avalanche™ and Terminal Emulation pre-installed and pre-licensed from the factory.

In addition, Rhino-NET™ can be used in conjunction with an external barcode reader, such as the Powerscan 8330, to allow bar code data entry, in both tethered and cordless versions.

• ESSENTIAL

Flexibility in wireless communication, a standard operating system and a solid feature list make the durable Rhino-NET™ an essential and reliable tool for today's challenging warehouse management environments.



FEATURES

- Windows CE.Net 4.2 Operating System
- Wide 1/2 VGA color display
- WLAN: IEEE 802.11b/g
- WPAN 802.15
- IP65 sealed and 25g shock tested
- Wide operating temperature range -30° to 50° C
- Internal (11-60 VDC) power supply
- Integrated and constantly illuminated keyboard with separate numeric keypad
- Tethered and cordless bar code scanning support
- Wavelink Powered™ with pre-installed and pre-licensed Wavelink® Avalanche™ and Terminal Emulation

APPLICATIONS

- Warehouse management:
 - Inventory
 - Picking
 - Shipping/receiving
 - Put away
 - Cross docking
- Cold storage and harsh outdoor applications
- Manufacturing
- Shop Floor

Specifications

PHYSICAL CHARACTERISTICS

| | |
|-----------------------|---|
| DIMENSIONS | 320 x 250 x 90 mm / 12.6 x 9.8 x 3.5 in (H x W x D) |
| WEIGHT | 3.5 Kg. / 123.5 oz approx. (excluding mounting bracket) |
| DISPLAY | Color TFT 8.8" LCD with 640 x 240 pixel resolution |
| KEYBOARD | 57-key alphanumeric keyboard with constant illumination and audible key beep; Universal ABCD layout to include IBM5250/3270 and VT100/220 functions |
| OPERATING TEMPERATURE | -30° to 50°C (-22° to 122°F) |
| STORAGE TEMPERATURE | -30° to 70°C (-22° to 158°F) |
| 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 |
| ENVIRONMENTAL SEALING | IP65 |

SYSTEM

| | |
|-------------------------|---|
| OPERATING SYSTEM | Microsoft Windows CE.Net 4.2 |
| MICROPROCESSOR | Intel® XScale @ 400 MHz |
| SYSTEM RAM MEMORY | 64 MB |
| SYSTEM FLASH MEMORY | 32 MB |
| EXPANSION SLOTS | 2 PCMCIA type III |
| POWER MANAGEMENT | Internal wide range power supply (11 to 60 VDC); Transient spike and overcurrent/voltage protected |
| POWER SUPPLY | Reverse polarity protected; connects directly to vehicle battery |
| BACK-UP | Lithium battery for memory support when main power supply is down |
| REAL TIME CLOCK | Time and date stamping under software control |
| CONTROL SWITCHES | Power ON/OFF, contrast, backlight, alphanumeric toggle |
| STATUS INDICATOR LIGHTS | Power and caps lock |

COMMUNICATIONS

| | |
|--------------------|--|
| INTERFACES | 2 RS232-C serial interfaces; COM2 with power supply option for bar code readers LOCAL |
| LOCAL AREA NETWORK | IEEE 802.11b/g Antenna: Internal (integrated in PCMCIA card) Frequency range: Country dependent, typically 2.4 - 2.5 GHz |

SOFTWARE

| DEVELOPMENT | CONFIGURATION & MAINTENANCE |
|----------------------------------|---------------------------------|
| Windows CE SDK™ | Wavelink® Avalanche™ |
| DL Mobility Developer Assistant™ | Datalogic Firmware Utility |
| MCL-Collection™ | Datalogic Desktop Utility |
| | Datalogic Configuration Utility |
| TERMINAL EMULATION | UTILITIES |
| Wavelink® Terminal Emulator | Wavelink® Remote Control |
| | Wavelink® TermProxy |

Accessories



Powerscan 8330 tethered and cordless (via cradle and StarModem)



DL Cordless Card™



Mounting Kit

Please refer to user manual available at www.mobile.datalogic.com/manuals for information on product use limitation.
For more information see: www.mobile.datalogic.com/rhino-net

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