VEHICLE MOUNT

HIGHLIGHTS

> PURPOSE BUILT
Tailored for warehouse management, the R Series increases productivity through reduced errors during receiving, put-away, picking and shipping activities. Addition of a hand held bar code scanner allows for quick data entry and location confirmations.

> RUGGED
The R Series vehicle mounted computers set the industry rugged standard. The aluminium outer case with fan less design withstands the vibration and shocks experienced onboard rigid suspension vehicles. Exclusive 2-tail touch screen technology and mounting endures direct display abuse. IP sealed to the maximum extent, R Series resists dust, rain and harsh cleaners. A heater option protects the R Series in freezing temperatures.

> VERSATILE
Available in three different sizes, R Series fits different mounting and space constraints. Mounting options include support for the vehicle mounted computer, hand-held readers, ABCD or QWERTY external keyboards. A dedicated software keyboard with over 25 layouts (including 8 languages) adapts the R Series to a minimum footprint and global enterprises.

> STANDARD
The R Series Windows CE operating system and X Scale processor leverage the existing investment in mobile computing applications. Included in the Datalogic Utilities and Wavelink Powered program, the R Series maximizes the return on investment through easy deployment, device management and maintenance customized.

FEATURES

- Microsoft Windows CE operating system
- Large high visibility color graphics display, with multiple screen sizes: 7”, 10” and 12”
- Integrated touch screen
- WLAN: IEEE 802.11 b/g
- Meets IP65, IP66 and IP67 protection classes
- Wide operating temperature range -30°C to 50°C
- Integrated touch screen
- Tethered and cordless bar code scanning support
- External ABCD, QWERTY and software keyboard options
- 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
- Manufacturing Shop Floor

SPECIFICATIONS

> PHYSICAL CHARACTERISTICS

DIMENSIONS	*R Series-7*: 229 x 158 x 85 mm (9.0 x 6.2 x 3.3 in) *R Series-10*: 280 x 226 x 86 mm (11.0 x 8.9 x 3.4 in) *R Series-12*: 319 x 261 x 101 mm (12.6 x 10.3 x 4.0 in)
WEIGHT	*R Series-7*: 2.5 Kg (88.2 oz) *R Series-10*: 4.0 Kg (141.1 oz) *R Series-12*: 4.7 Kg (165.8 oz)
DISPLAY	*R Series-7*: Color TFT 7" LCD with 480 x 234 pixel resolution, 500cd/m2, with backlight and resistive touch screen *R Series-10*: Color TFT 10.4" LCD with 800 x 600 pixel resolution, 230-400 cd/m2, with backlight and resistive touch screen *R Series-12*: Color TFT 12.1" LCD with 800 x 600 pixel resolution, 350 cd/m2, with backlight and resistive touch screen
KEYBOARD	*R Series-7*: 17 front keys, including power on/off, brightness control and function keys *R Series-10/-12*: 25 front keys, including power on/off, brightness control and function keys
OPERATING TEMPERATURE	0° to +50°C (32° to 122°F) -30° to +50°C (-22° to 122°F) with heating option (not available on R Series-7)
STORAGE TEMPERATURE	*R Series-7*: -35° to +65°C (-31° to 149°F) *R Series-10/-12*: -20° to +60°C (-4° to +140°F)
SHOCK/VIBRATION	Class 5M3 according to EN 60721-3-5 and US Highway Truck as MIL-STD 810F
ENVIRONMENTAL SEALING	IP65, IP66 and IP67 for water and dust resistance

> SYSTEM

OPERATING SYSTEM	Microsoft Windows CE 5.0
MICROPROCESSOR	Marvell® XScale PXA270 @ 520 MHz
SYSTEM RAM MEMORY	128 MB
SYSTEM FLASH MEMORY	128 MB (including Backup directory for user data & permanent program storage)
EXPANSION SLOTS	1x 16bit Typ I/II PCMCIA slot (if CF card not in use)
POWER SUPPLY	*R Series-7*: 24/48 VDC, 36 W, galvanically isolated, voltage sags up to 5 VDC can be handled for up to 20 sec. *R Series-10/-12*: 24/48 VDC, 60 W and 100 W, galvanically isolated, voltage sags up to 10 VDC can be handled for up to 20 sec.

> COMMUNICATIONS

INTERFACES	2 x RS232 serial port, 5 VDC on COM1 (pin 9) to supply an external hand held reader 2 x USB 2.0, low and full speed, 2 host or alternatively 1 host and 1 client External keyboard/mouse via USB port
LOCAL AREA NETWORK (WLAN)	IEEE 802.11b/g Frequency range: Country dependent, typically 2.4 - 2.5 GHz

> SOFTWARE

DEVELOPMENT
Windows CE SDK™

TERMINAL EMULATION
Wavelink Terminal Emulation™
Wavelink® TermProxy
Wavelink® Industrial Browser

CONFIGURATION & MAINTENANCE
Wavelink Avalanche®
Datalogic Desktop Utility
Datalogic Configuration Utility

UTILITIES
Wavelink® Remote Control

ACCESSORIES

Powerscan 8330 tethered and cordless (via cradle and StarModem)

Mounting brackets

External keyboard (both ABCD and QWERTY layout)

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