



General Description

The **Viper™ CE** is a Windows CE based pistol grip terminal included in the rugged mobile@work™ product line for industrial environments.

It has been conceived to provide the highest productivity and comfort in demanding environments and solve any warehouse management application thanks to the most advanced barcode scanning and data processing technology.

Since industrial environments are characterized by day-long use, the **Viper™ CE** has been designed with the user in mind: a lightweight, well-balanced and hand-fitting shape provides the highest user comfort in its product class.

The **Viper™ CE** provides the users with a very flexible solution powered by the standard Windows CE 3.0 operating system and based on state-of-the-art hardware architecture.

The **Viper™ CE** features a large, bright, easy-to-read 1/4 VGA color display with touch screen. The 3.8-inch high contrast colour TFT LCD display (240 x 320 pixels) is ideal for indoor/outdoor use and helps users work more efficiently in all ambient light conditions.

Furthermore, to allow the operator to cover more than one work shift, the **Viper™ CE** uses rechargeable, long-lasting Lithium-Ion batteries.

The **Viper™ CE** product line offers both models with integrated IEEE 802.11b standard wireless communication (11 Mb/sec throughput) as well as models exploiting the RadioReady concept, thanks to which the most diffused WLAN (Wireless Local Area Network) PC-cards can be successfully used.

Viper™ CE is the ultimate solution for any mobile industrial application.

Features

- > WINDOWS CE 3.0 operating system
- > Intel® StrongARM 206 MHz microprocessor
- > Large color high visibility graphic display with touch screen
- > High Modularity (keyboard, scanning engine and WLAN card)
- > High speed integrated IRDA, USB and RS232 interfaces
- > Large autonomy Li-Ion battery
- > Optimal ergonomics and robustness

Applications

- > Warehousing
- > Shop Floor
- > Retail
- > Transportation and Logistics

Specifications

PHYSICAL CHARACTERISTICS

DIMENSIONS	235 mm H x 105 mm W x 180 mm D
WEIGHT	Approx. 820 g with battery and WLAN PC-card
LASER SOURCE	Visible laser diode, 650 nm
OPERATING TEMPERATURE	-10 to 50 °C
STORAGE TEMPERATURE	-20 to 70 °C
DROP RESISTANCE	Withstands multiple 1.8 m drops to concrete
ENVIRONMENTAL SEALING	IP54
DISPLAY	Reflective TFT day light readable color display, 240x320 pixels, 3.8 in. (97 mm) diagonal, 64 K colors; backlight; touch screen
POWER	Removable battery pack with rechargeable Li-Ion batteries; Local connection for fast battery charging
CONTROL SWITCHES	Power ON/OFF, backlight, alphanumeric toggle
KEY PADS	48 alphanumeric or 32 numeric key silicon rubber keypad
STATUS INDICATOR LIGHTS	Good decode, battery level, charging status

PERFORMANCE

MICROPROCESSOR	Intel® StrongARM SA-1110 206 MHz
OPERATING SYSTEM	Microsoft Windows CE 3.0
SYSTEM RAM MEMORY	64 MB
SYSTEM FLASH MEMORY	32 MB
REAL-TIME CLOCK	Time and date stamping under software control
INTERFACES	IrDA: integrated high speed bi-directional communication port (IrDA 1.0) Electrical: integrated 3-pin RS232 up to 115.2 Kbps USB: integrated high speed USB (USB 1.1)

RF DATA COMMUNICATIONS

NETWORK	WLAN, IEEE 802.11b
ANTENNA	Internal, with diversity option
FREQUENCY RANGE	Country dependent, typically 2.4 - 2.5 GHz

PERIPHERALS

SCAN ENGINES	Laser High Performance (high visibility) for 1D codes; Laser Long Range for 1D codes; Laser Raster for 1D, PDF417 and stacked codes
CRADLES	Single cradle with additional slot for spare battery; bi-directional communication through RS232/USB interface
BATTERY CHARGER	4-slot multiple battery charger, with recycling option



Single Cradle



Multiple Battery Charger



Viper™ CE with functional case



Viper™ CE with belt holster



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