viper-net™

Pistol Grip
Windows CE Terminal

◆DATALOGIC™

Windows Powered

WiFi™

Bluetooth®

MOBILE @work™

2 keyboard options

Mobile **C**omputers

General Description

The Viper-NET™ is the latest addition in Datalogic's mobile@work™ family for industrial environments.

The pistol shape, superior protection class, great drop resistance, and wide operating temperature range make the Viper-NET™ the ideal solution for warehouse and distribution center environments.

The rugged case of the Viper-NET™ houses the latest mobile and wireless technologies, including the Intel® XScale™ @ 400 MHz powerful processor. A bright and reflective TFT daylight readable color display with touch screen provides an optimal interface.

The terminal is always ready to use thanks to numerous communication ports (IrDA, RS232, USB). The Windows CE .Net architecture allows data capture, collection and communication with simple icons and an intuitive graphic interface.

The Viper-NET™ product line offers two scan engine models: Laser High Performance (high visibility) and Laser Extra Long Range (autofocus), allowing codes to be read from near contact to several meter distances. These different options make it possible to respond to any warehouse or retail need.

Wireless communication is guaranteed thanks to RF WLAN technology, compliant with the IEEE 802.11b/g (Wi-Fi) standard.

A full set of accessories and software tools, two keyboard options, easy to use interfaces, and long-lasting Li-Ion batteries make the Viper-NET™ ideal for the harshest mobile applications.

Features

> Windows CE 4.2 .Net Operating System
> WLAN 802.11b/g (Wi-Fi) standard
> WPAN 802.15
> Large high visibility color graphic display
> Ergonomic, lightweight and robust
> 1.8 m drop, IP64 protection class
> Multiple scan engines (Laser High Performance, Laser Extra Long Range)

Applications

> Warehouse management
  - Goods shipping/receiving
  - Inventory
  - Picking
> Retail
  - Shelf Replenishment
  - Price Management

Specifications

Accessories

PHYSICAL CHARACTERISTICS

DIMENSIONS	235 mm H x 105 mm W x 180 mm D
WEIGHT	Approx. 835 g with battery and WLAN PC-card
LASER SOURCE	Visible laser diode, 650 nm
DISPLAY	Reflective TFT daylight readable color display, 240 x 320 pixels, 3.5 in. (89 mm) diagonal, 64 K colors, led backlight, touch screen
KEY PAD	48 alphanumeric or 32 numeric key silicon rubber keypad
OPERATING TEMPERATURE	-10 to 50 ºC (can operate down to -20° C with potential degradation in performance depending on the application)
STORAGE TEMPERATURE	-20 to 70 ºC
DROP RESISTANCE	Withstands multiple 1.8 m drops onto concrete
ENVIRONMENTAL SEALING	Designed for IP64 environments
POWER SUPPLY	Battery pack with rechargeable Li-Ion batteries; 7.2 V@ 2000 mAh; Local connection for fast battery charging
BACKUP	Rechargeable Li-Ion batteries 30mAh
CONTROL SWITCHES	Power ON/OFF, backlight, alphanumeric toggle (for numeric versions)
STATUS INDICATOR LIGHTS	Good decode, battery level, charging status, keyboard status

PERFORMANCE

OPERATING SYSTEM	Windows CE 4.2 .Net
MICROPROCESSOR	Intel® XScale @ 400 MHz
SYSTEM RAM MEMORY	64 MB
SYSTEM FLASH MEMORY	32 MB
REAL-TIME CLOCK	Time and date stamping under software control

SERIAL COMMUNICATION

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)

WIRELESS DATA COMMUNICATION

LOCAL AREA NETWORK	IEEE 802.11b/g (Wi-Fi) Antenna: Internal, with diversity option Frequency range: Country dependent, typically 2.4 - 2.5 GHz
PERSONAL AREA NETWORK	Integrated antenna

LASER CHARACTERISTICS

SCAN ENGINES	Laser High Performance (high visibility); Laser Extra Long Range (autofocus)

ACCESSORIES

CRADLES	Single cradle with additional slot for spare battery; bi-directional data communication through RS232/USB
BATTERY CHARGER	4 slot multiple battery charger with recycling option
FUNCTIONAL CASE	Additional protection to improve terminal portability
BELT HOLSTER	To easily wear the terminal and transport it when not in use

PACKAGE

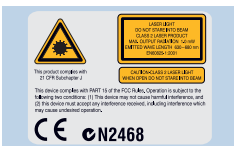|	
CONTENTS	1 Viper-NET™ terminal; 1 rechargeable battery pack; 1 CD-ROM Datalogic-NET SDK (Windows CE .NET SDK for Datalogic terminals); 1 user's manual; 3 styluses with clips and 3 bi-adhesive strips; 1 frame with 3 overlays

Single Cradle

Multiple Battery Charger

Functional Case

Belt Holster

◇DATALOGIC™

CE CSQ TÜV