viper™

Pistol Grip
DOS Terminal

DATALOGIC
Your Life. Our Enthusiasm™

MOBILE @work™

2 distinct keyboards

Backlit display

MCL TECHNOLOGIES
MCL-CLIENT Factory Loaded

Mobile Computers

General Description

Viper™ is a powerful pistol grip terminal, based on a PC-like architecture and the *RadioReady* concept, making communication management extremely straightforward in both new and existing installations. Viper™ has been conceived to match the requirements of harsh environments, with no compromises in terms of reliability and robustness. The state-of-the-art technology powering Viper™ is completely protected from mechanical shocks and sealed against water and dust penetration.

Built to be an open system, Viper™ supports the most widespread mobile standards, such as IEEE 802.11b. The MS DOS operating system assures a greater stability and virus-free environment. Furthermore, interfaces such as the QVGA LCD display with led backlight and a spacious, intuitive keyboard reduce user fatigue and improve efficiency at the point of data collection.

In order to maximize functionality, Viper™ has been developed to be modular: batteries, keyboard, scanning engine and WLAN can be shaped to meet all the requirements of the application.

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

Managing communication to the legacy systems is easy with Datalogic's software product line that includes terminal emulation connectivity through DL TCL™, while client server applications benefit from the use of the MCL-Collection™ Suite.

All Viper's™ features can be easily configured through a powerful Windows Tool, specifically designed for the mobile@work product line, DL Mobile Configurator™.

Viper™ is the ideal solution for mobile industrial applications.

Features

> WLAN 802.11b (Wi-Fi) radio options
> RadioReady concept
> LCD display (240x320 pixel) with LED backlighting
> Large numeric or alphanumeric keyboard with tactile and audible feedback
> Modularity (keyboard, scanning engine and WLAN PC-Card)
> Multiple scanning engine option (1D/2D codes)
> High autonomy Li-ION battery pack
> Extremely robust: 1.8 m drop, IP65 protection class
> MCL-Collection™ compliant

Applications

> Warehousing
> Shop Floor
> Retail

Specifications

Accessories

PHYSICAL CHARACTERISTICS

DIMENSIONS	235 mm H x 105 mm W x 180 mm D
WEIGHT	Approx. 795 g / 28 oz. (with battery and WLAN PC-card)
LASER SOURCE	Visible Laser Diode, 650 nm (standard version)
DISPLAY	Graphic high-contrast LCD with 240 x 320 pixel resolution and LED backlight feature; keyboard controlled contrast
SCREEN FORMAT	24 char. x 21 lines with default font
KEY PADS	48 alphanumeric or 32 numeric key silicon rubber keypad with audible and tactile feedback
OPERATING TEMPERATURE	-20 to 50 ºC
STORAGE TEMPERATURE	-20 to 70 ºC
DROP RESISTANCE	Withstands multiple 1.8 m drops to concrete
ENVIRONMENTAL SEALING	Designed for IP65 standards
POWER	Removable battery pack with rechargeable Li-ION batteries (7.2 v@2000 mAh); Local connection for fast battery charging and serial communication
BACKUP	Super-capacitor to back-up system RAM during battery pack change; Lithium batteries to preserve set-up and data
CONTROL SWITCHES	Power ON/OFF, contrast, backlight, alpha toggle in numeric keyboard
STATUS INDICATOR LIGHTS	Good decode, battery level, charging status

PERFORMANCE

OPERATING SYSTEM	Datalight ROM-DOS 7.1, Datalogic proprietary BIOS
MICROPROCESSOR	32-bit Amd486 CPU, up to 32 MHz
SYSTEM RAM MEMORY	8 MB
SYSTEM FLASH MEMORY	8 MB
REAL-TIME CLOCK	Time and date stamping under software control; year 2000 compliant

SERIAL COMMUNICATION

INTERFACES	IrDA: bi-directional communication port with mobile printers compatibility Electrical: integrated 7-pin RS232 with data rate up to 115.2 Kbps, including fast in-line battery charger

WIRELESS DATA COMMUNICATION

LOCAL AREA NETWORK	WLAN, IEEE 802.11b (Wi-Fi) and Radio Ready support Antenna: Internal, with diversity option Frequency range: Country dependent, typically 2.4 - 2.5 GHz

LASER CHARACTERISTICS

SCAN ENGINES	Linear: High Performance or Long Range; 2D: Raster for PDF417 and stacked codes

ACCESSORIES

CRADLE	Single cradle with additional slot for spare battery; bi-directional data communication through RS232
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™ terminal; 1 rechargeable battery pack; 1 CD-ROM Mobile@work Software Development System and utility programs; 1 user's manual; RR or RF models including terminal-specific keyboard overlays

Single Cradle

Multiple Battery Charger

Functional Case

Belt Holster

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Quality Partner
Accredited Reseller