



Palm Key-Based DOS Terminal



Mobile Computers

General Description

Kyman™ is a rugged hand-held terminal for advanced bar code scanning and data processing applications in industrial environments. It has been conceived to provide the highest productivity and comfort in demanding tasks to link users to data and to each other in transportation and logistics applications found in warehouses, docks, yards, and on the road.

Ease of use and reliability are benefits that are valued across all markets. Kyman™ features a bright, easy-to-read 1/8 VGA display, numeric or alphanumeric keyboard and rechargeable, long-lasting lithium-ion batteries, which contribute to Kyman™'s universal market appeal. Designed for IP54 standards, Kyman™ meets mobile data management demands in many industrial environments.

Kyman™ represents a light-weight solution powered by an innovative PC-like DOS based architecture, the same used for Viper™ and Rhino™, with RadioReady support. Built to be an open system, Kyman™ supports the most widespread mobile standards, such as IEEE 802.11b, and makes communication management extremely straightforward in both new and existing installations.

Communication management to the legacy system takes advantage of the wide software product line that includes terminal emulation connectivity through DL TCL™ (available for IBM 5250/3270 and Unix VT100/220 protocols) and DL Keep Connecting™ for advanced connectivity management. Client server applications benefit from the use of the MCL-Collection™ Suite, a very simple and intuitive tool with program simulator included.

Kyman™ fills the gap between office automation oriented and pure industrial mobile data collection solutions.

Features

- > WLAN 802.11b (Wi-Fi) radio options
- > RadioReady concept
- > High autonomy Li-ION battery pack
- > Advanced connectivity management
- > Robustness and Ergonomics
- > Multiple scanning engine option (1D / 2D codes)
- > Battery Hot Swapping support
- > MCL-Collection™ compliant
- > Terminal emulation for IBM 5250/3270, Unix VT100/220

Applications

- > Warehousing management
- > Retail environments
- > Manufacturing environments



Specifications

PHYSICAL CHARACTERISTICS

DIMENSIONS	227 mm H x 83 mm W x 60 mm D
WEIGHT	480 g with battery and WLAN PC-card
LASER SOURCE	Visible laser diode, 690 nm
OPERATING TEMPERATURE	-10° to 50°C
STORAGE TEMPERATURE	-20° to 70°C
DROP	Withstands multiple 1.8 m drops to concrete
ENVIRONMENTAL SEALING	Designed for IP54 environments
DISPLAY	Graphic high-contrast LCD with 160 x 240 pixel resolution and LED backlight feature; Keyboard controlled contrast
SCREEN FORMAT	20 char. x 20 lines with default fonts
POWER	Removable battery pack with rechargeable Li-ION batteries; Supercapacitor to back-up system RAM during battery pack change Local connection for fast battery charging and serial communication
CONTROL SWITCHES	Contrast, backlight, alphanumeric keys
KEY PADS	41-key full alphanumeric or numeric silicon rubber keypad
STATUS INDICATOR LIGHTS	Good decode, battery level, alphanumeric selection
PC-CARD SLOTS	1 PCMCIA type II
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

PERFORMANCE

MICROPROCESSOR	32-bit Amd486 CPU, up to 32 MHz
OPERATING SYSTEM	Datalight ROM-DOS 7.10, Datalogic proprietary BIOS
SYSTEM RAM MEMORY	8 MB
SYSTEM FLASH MEMORY	8 MB
REAL TIME CLOCK	Time and date stamping under software control; year 2000 compliant

RF DATA COMMUNICATIONS

NETWORK	WLAN, IEEE 802.11b (Wi-Fi) or RadioReady option
ANTENNA	Internal
FREQUENCY RANGE	Country dependent, typically 2.4 - 2.5 GHz

PERIPHERALS

SCAN ENGINES	Linear: High Performance or Long Range 2D: Raster for PDF417 and stacked codes (Radio and RadioReady models only)
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ACCESSORIES

CRADLES	Single and 4 slot desk cradle with additional slots for spare batteries; bi-directional data communication supported trough IrDA interface
BATTERY CHARGER	4 slot multiple battery charger with recycling option
FUNCTIONAL CASE	Additional protection to improve terminal portability. Includes a swivel option to easily hang the terminal to the belt. Optional shoulder strap or heavy duty belt are available



CC8600 - Single Cradle



CC8600/4 - 4 Slot Cradle



MBC8600 - Multiple Battery Charger



Functional Case