

Pocket-sized Laser Terminal



Only 206 g!



USB

RS232

Li-Ion
Battery

HIGHLIGHTS

- **LIGHTWEIGHT AND HANDY**
Put Formula™ power in your shirt pocket! Small and slim, with excellent ergonomics, the new Formula™ adapts to any situation, anywhere, with superior utility.
- **USER FRIENDLY**
The compact body features a crisp display to view character-based data. Adjustable display brightness enhances display readability in a wider range of lighting conditions. In addition, the numeric keyboard's intuitive layout reduces user fatigue.
- **EASY TO CONNECT**
Serial and USB connectors on the product bottom offer standard cabled connections to any device. A Bluetooth® option enables seamless wireless connection of the Formula™ to any kind of PC.
- **ROBUST AND STABLE**
Rugged construction protects the terminal from unintentional drops and exposure to water and dust. A proprietary operating system and the mature microprocessor ensure working stability, today and tomorrow. High capacity on board memory manages large data quantities and simultaneous applications. User-accessible SD card slot expands the memory for backup data or large database management.
- **ALL-IN-ONE PACKAGE**
The Formula™ comes with a mini USB cable and a "world-wide" power supply via country specific adapters (EU, USA, UK, AU). Basic software applications available in the box include:

 - Code Quantity
 - Inventory
 - Picking

FEATURES

- High Performance Laser Reader
- Ergonomic, compact and robust
- Easy to read display
- User-accessible SD memory slot
- Lightweight 206 g (7.3 oz)
- 1.2 m (4 ft) drop resistance
- IP54 protection class
- USB and RS232 connectors on board
- Optional Bluetooth®

APPLICATIONS

- Inventory
- Shelf replenishment
- Price management
- Order entry
- Assisted sales
- Asset Tracking

Specifications

PHYSICAL CHARACTERISTICS

| | |
|-----------------------|--|
| DIMENSIONS | 152 x 55 x 40 mm (5.98 x 2.17 x 1.57 in) (maximum) |
| WEIGHT | 206 g (7.3 oz) incl. standard battery |
| DISPLAY | Ultra-bright LCD with backlight; 16 lines x 16 characters |
| KEYBOARD | Numeric with 25 silicon rubber keys (4 navigation keys + 4 function keys) |
| OPERATING TEMPERATURE | 0 to 50 °C (32 to 122 °F) |
| STORAGE TEMPERATURE | -20 °C to 70 °C (-4 °F to 158 °F) |
| DROP RESISTANCE | Resists drops from 1.2 m (4 ft) onto concrete |
| ENVIRONMENTAL SEALING | IP54 standard for water and dust resistance |

SYSTEM

| | |
|---------------------|---|
| OPERATING SYSTEM | Datalogic proprietary |
| MICROPROCESSOR | 8 bit CMOS |
| SYSTEM RAM MEMORY | 1024 KB RAM for data |
| SYSTEM FLASH MEMORY | 512 KB Flash dedicated to the application program |
| EXPANSION SLOTS | Secure Digital (user accessible) |
| SIGNAL TO OPERATOR | 4 LED; magnetic buzzer programmable frequency and duration |
| CLOCK/CALENDAR | Quartz controlled RTC; programmable date and time |
| POWER SUPPLY | Removable battery pack with rechargeable Li-Ion batteries; 3.6 V 1000/2000 mAh (3.6/7.2 Watt hours); alkaline batteries compatible Local customized connector for fast battery charging |

COMMUNICATIONS

| | |
|-----------------------------|--|
| INTERFACES | Electrical: integrated RS232 up to 115.2 Kbps USB: integrated high speed USB and mini USB connector (USB 1.1) |
| PERSONAL AREA NETWORK (PAN) | Bluetooth® V2.0+EDR (optional) Integrated module |

READING OPTIONS

LASER CHARACTERISTICS

| | |
|----------------------|---|
| SCANNING RATE | 104 ± 12 scan/sec |
| MINIMUM RESOLUTION | 0.10 mm / 4 mils |
| DEPTH OF FIELD | 5 to 90 cm (2 to 35 in), depending on bar code density |
| BAR CODES | EAN13, EAN128, UPC/A-E, 2/5 family, Code 128, Code 93, Code 2/7, 3/9 family, MSI, Delta A IBM, Codabar (NW7), PAKO, Zellweger, Storagetek |
| LASER CLASSIFICATION | VLD - Class 2/II EN 60825-1/CDHR |

SOFTWARE

BASIC DEVELOPMENT

Software Developer's toolkit

READY TO USE APPLICATIONS

Standard Code Quantity application
Enhanced configurable application

ENTERPRISE DEVELOPMENT

EasyGen Rapid Application Generator



Caution: Laser Radiation - do not stare into beam

Accessories



Inside the box



Single Cradle

Please refer to user manual available at www.mobile.datalogic.com/manuals for information on product use limitations.

For more information and software downloads see: www.mobile.datalogic.com/formula