

CE3240B



Add functionality to your application by choosing an adaptable End-Cap tailored to your requirement:

UNIVERSAL IMAGER
(CAMERA, VIDEO, 1D/2D BARCODE READER, OCR)

LASER BARCODE SCANNER

SiRF III Global positioning system (GPS) receiver

GUARD Configuration



Lightweight Data Capture and Identification

The CE3240 is specifically designed to transfer Roper Mobile's mobile computing expertise into the featherweight field of handhelds. Meeting all expectations, it also offers the largest variety of customization hardware modules and features the most efficient, safe and cost effective tools for all field workers.

- XScale (Bulverde) PXA 270 520MHz processor provides blazing performance
- QVGA TFT transreflective color LCD display with LED back light makes the CE3240 easy to read both indoors and outdoors
- 128MB NAND Flash for Windows CE and file system plus 128 MB RAM provides ample storage for data and software
- Ergonomic 20 key keypad with key grouping functionality to speed up data entry, plus 2 trigger keys
- Flexible communications with Ethernet 10BaseT (10Mbps), USB host and slave
- Fast swappable 2000 mAH battery
- Internal WiFi 802.11 g/b with bluetooth 2.0 (optional)
- 2 under-the-cap expansion ports for custom peripherals
- Integrated speaker and headset jack (voice recording and playback)
- Complies with IP65 standards and MIL-STD 810F tests
- Ergonomic hand strap adjustable for either right or left handed users

CE3240B



Base Unit

Processor

- XScale (Bulverde) – PXA270, 520 MHz

Operating System

- Windows® CE 5.0

Memory

- 128 MB Storage Flash for Windows® CE and file system (approximately 64 MB available to user)
- 128 MB SRAM (approximately 64 MB used for OS)
- Optional: Additional storage via PC Card, CF or SD cards

Display

3.5" QVGA TFT color LCD with LED backlighting

Indoor/Outdoor display

Scratch and shock resistant touch screen can be used with a stylus or finger

Connectivity

Internal 802.11 b/g and Internal Bluetooth® Class 2 [BW Edition]

Ethernet 10 BASE-T [through cradle]

3G WWAN radio (HSDPS/UMTS/EDGEPRS)

Graphics / Sound

Integrated and environmentally sealed speaker

Recording and playback fully supported by Windows CE operating system

Integrated and environmentally sealed microphone and headset connector

User Interface

Touch screen

Keyboard

- Ergonomic 22-key keypad with 10 numeric and function keys plus 2 trigger keys
- Programmable auto-repeat
- Keyboard backlighting
- Ergonomic key grouping to speed up data entry
- Tactile and programmable audible feedback

Ports

USB (Host/Client) via cradle

Ethernet 10Mbps via cradle

1 SDIO card slot

1 PC card slot

Environment

Temperature

Operating: -4°F to +122°F (-20°C to +50°C)

Storage: -22°F to +140°F (-30°C to +60°C)

Free-Fall Drop Resistance

- Meets and exceeds IEC 68-2-32 method 1 (1-meter drop onto concrete)
- Meets and exceeds MIL-STD-810F method 516.5 procedure IV

Rain and Humidity

- IP-65
- MIL-STD-810F method 506.4 procedure I (wind blown rain)
- Humidity: 95% RH, non condensing

Electrostatic Discharge

- Meets EN 61000-4-2

Power Supply

Rechargeable 2000 mAh (14.6Wh) Lithium-Ion battery pack (fast swappable)

Integrated charge status and low-battery indicator

Intelligent fast charge

Power gauge to monitor main battery

Rechargeable backup battery

Backup system for RAM memory if main battery is exhausted or removed

ON/OFF switch, manual and automatic shutoff

5-Volt power for external devices

Dimensions

2.05" (5.2 cm) x 3.1" (7.9 cm) x 7.7" (19.6 cm)

1lb (454g) with battery

Accessories

Various communications and charging cradles (office or vehicle)

Extended end-cap for customer specific electronic modules

Bundled / Available Software

Microsoft® ActiveSync

FTP client/server

CE Internet Explorer and Viewers for Word®,

Excel®, PowerPoint® and PDF files

Microsoft® Outlook®

Microsoft® Windows Media® Player

Terminal Services Client

Voice Recorder

Warranty

Manufacturer's warranty: 1 year parts and labor

Optional DapCare warranty extension available

Regulatory

FCC, CE, Industry Canada

RoHS Compliant

Available Options

Universal Imager (Camera, Video, 1d/2d Barcode Reader, OCR)

Laser barcode scanner

SiRF III Global positioning system (GPS) receiver

HID Prox Card Reader (125 KHz)

High resolution fingerprint sensor

Magnetic Stripe Card Reader

Smart Card Reader - contact and contactless (FIPS201 certified)

Security Access Modules (SAM)

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