



Units are shown with optional peripherals.

## Reliable Identity Validation In a Proven, Lightweight Handheld Computer

The DAP Technologies CE3240BW handheld computer is a fully rugged, FIPS-201 certified hardware solution. Built to support mission-critical access control, law enforcement and ID management applications, it can be configured to read all relevant credential formats including CAC, FRAC and TWIC cards, driver's licenses, passports and major corporate ID standards. Its 500 dpi fingerprint reader provides biometric authentication.

The computer is based on DAP's proven platform, developed over the last 29 years to perform reliably in the most extreme temperature ranges and harshest environments. The outdoor readable display, IP-65 rating and ergonomic keyboard ensure reliability and end-user satisfaction.

DAP's modular architecture enables our partners to configure the CE3240BW platform to meet the exact requirements needed, while allowing upgrades when new technology becomes available. EndCap options are numerous, including a smart card reader, 1D/2D barcode and OCR imager, magnetic stripe reader, and fingerprint reader, and others. GPS, Wi-Fi and WWAN connectivity are available for building connected solutions.



- Provides a complete security suite:
  - 1D/2D and OCR Imager
  - Smart Card Reader
  - Fingerprint Reader
  - Magnetic Stripe Reader
  - SAM Card Slots
- Modular, upgradeable design is based on a proven, fully-rugged platform.
- Software Development Kit enables DAP partners to rapidly develop custom solutions.
- Sleek, lightweight, ergonomic design makes it the most pocketable reader available.



# CE3240BW



## 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 [Wireless Edition]

Ethernet 10 BASE-T [through cradle]

## 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 Part 15 Class B

RoHS Compliant

International Safety: CE

## EndCap Options

MAGnetic Stripe Card Reader

Smart Card Reader - contact and contactless

1D / 2D barcode reader (CMOS Imager)

Image Scanner

Fingerprint reader

SAM Card Reader

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