

## CPT-8231-2D Portable Terminal, 2D Imager, WLAN & BT, 4 MB, without cradle

Portable wireless & batch terminal with built-in slot for high-capacity (SDHC) MicroSD card

The device has got features, which definitely assure you about CipherLab CPT-8200 / CPT-8231 is the best choice for your retail application:



- long-lasting power performance for continuous productivity. CPT-8200 runs on a rechargeable Li-ion battery - for more than 124 continuous hours between charges;
- choice of linear imager, laser, or 2D imager barcode scanning - or, if you want it, no barcode scanner;
- sound system is able to play VAW, MP3 files - the device may be easily used for example in storage systems with walking-talking;
- in noisy environment can be set also vibration good read feedback (beside beep and diode flash);
- lightweight, ergonomic form factor that easily fits in your palm and your pocket;
- supports a variety of C and BASIC programming;
- CipherLab Application Generator enables custom applications;
- MicroSD card slot with SDHC support;
- user-friendly interface and easy-to-read backlit LCD screen;
- large internal memory for user data - up to 8 MBytes;
- optional wireless capability - Bluetooth (WPAN) and/or WiFi (WLAN);

CipherLab portable terminal 8200 is available in the variants:

- CPT-82xx-C with integrated CCD scanner of 1D bar code (linear imager)
- CPT-82xx-L with integrated laser scanner of 1D bar code
- CPT-82xx-2D with integrated 2D Imagerem
- CPT-8200 batch off-line terminal with memory
- CPT-8231 wireless terminal with memory, WLAN and Bluetooth communication



# Technical Description

## Functionality & Operation

|                         |                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------|
| WLAN Features           | IEEE 802.11 b/g                                                                                                    |
| Wireless communication  | Bluetooth®, WiFi                                                                                                   |
| Data memory             | 4MB SRAM                                                                                                           |
| Bluetooth profiles      | DUN, FTP, HID, SPP                                                                                                 |
| WPAN Features           | Bluetooth® Class II v2.1 EDR                                                                                       |
| Communication interface | RS232, USB-HID, USB-VCP                                                                                            |
| Indicators              | Dual-color LEDs (red/green, blue/green), vibration, voice                                                          |
| Program memory          | 8MB Flash                                                                                                          |
| Data retention          | 25den                                                                                                              |
| Display type            | LED backlight                                                                                                      |
| Keyboard                | 24 keys, with backlight                                                                                            |
| Programmable features   | BLAZE C Compiler and BASIC Compiler, FORGE Application Generator, STREAM Wireless studio, MIRROR Terminal Emulator |

## Optical

|                  |            |
|------------------|------------|
| Bar code scanner | 2D Imager  |
| Resolution       | 160x160 px |

## Electrical

|                                  |                       |
|----------------------------------|-----------------------|
| Main battery pack operating time | 124hod                |
| Main battery pack                | Li-Ion 1200 mAh, 3,7V |

## Mechanical

|            |                                         |
|------------|-----------------------------------------|
| Dimensions | Width: 32mm, Height: 58mm Length: 136mm |
| Weight     | 150g                                    |

## Environment

|                                     |                                                                       |
|-------------------------------------|-----------------------------------------------------------------------|
| Shock resistance                    | multiply drops from 1,2 m onto concrete surface, 5 drops on each side |
| Ingress protection                  | IP54                                                                  |
| Operating temperature               | -10 to 60°C                                                           |
| Storage temperature                 | -20 to 70°C                                                           |
| Operating humidity (non-condensing) | 10 to 90%                                                             |
| Electrical static discharge         | ±8kV contact ±15kV air                                                |

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