CPT-8231-L Portable Terminal, Laser, WLAN & BT, 8 MB, without cradle

The 8200 series Portable Data Terminal is the smallest and the cheapest one, even with the high performance designed for all-day, everyday use. Like all portable terminals from CipherLab, it is supported by a rich set of development tools, including a “C” and “Basic” compilers. With its integrated barcode scanning unit, the 8200 Portable Data Terminal is ideal for applications such as inventory control, access control and shop floor management, etc.

The device has got features, which definately 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 terminál with memory
- CPT-8231 wireless terminal with memory, WLAN and Bluetooth communication


USB
MICRO-SDHC
8MB
MEMORY
OS PROP
LASER
READER
LCD
SCR-LCD
BT
RS 232
1D CODE
WIFI

Technical Description

Functionality & Operation	
WLAN Features	IEEE 802.11 b/g
Data memory	8MB SRAM
Wireless communication	Bluetooth®, WiFi
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	Laser
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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