CPT-8000L Portable Data Terminal, laser, 2MB

The 8000 series Portable Data Terminal is the smallest and the most price efficient one, even with the high performance designed for all-day, everyday use. CPT-8000 is powered by two AAA size batteries, CPT-8001 uses the standard Li-ION rechargeable accumulator (Nokia), and is equipped with recharging cradle. As all portable terminals from CipherLab, it is supported by a rich set of development tools, including a Windows-based application generator, "C" and "Basic" compilers. With its integrated barcode scanning unit, the 8000 Portable Data Terminal is ideal for applications such as inventory control, access control and shop floor management, etc.

Each set standardly comes with the communication cradle and with the Application generator AG-8000, which is always available to download online.

Brief list of software applications and tools for the CipherLab CPT-8000 and CPT-8001 terminals:

- CiherLab Forge Suite with Aplication Generator, a basic set that comes with the terminal. In the package you will find a programming tool, runtime modules, user guides, communication tools and international character fonts for the device.
- CPT Communication DLL , a dynamic library for developers. They can use it to enable bi-directional data transfer directly from their application.
- CipherLab Blaze Suite, the advanced programming tool. There are two variants of BLAZE suite - the first one contains CipherLab-Basic compiler, whilst the second one is with CipherLab-C compiler. CipherLab's Basic compiler is Windows based one with IDE environment, and a limited trial version is available for download. CipherLab-C uses the ANSI-C syntax and the MS-DOS environment.
- Mobile terminal CPT-8001 is available also in special design for health institutions, pharmacies, and similar social institutes. The housing is cast from a mixture of antibacterial solution developed for this purpose by Microban corporation.
- With its size and price the unit is comparable with a mobile phone - even though it has the same performance as the model CPT-711.

Referential customers (hundred and more units in use):
Czech Post, Czech;
TEN Express, Slovakia;
Ravi Express, Czech;

Technical Description

Functionality & Operation

Program memory	2MB Flash
Communication interface	USB, IrDA, RS232
Data memory	2MB
Data memory	4MB (for 8001 only)
Display type	FSTN LED backlight
Keyboard	21 keys
Indicators	buzzer
Indicators	LED (green and red)
Indicators	Battery status (graphic icon)
Programmable features	C-Compiler (MS-DOS)
Programmable features	Basic-Compiler (Windows IDE)
Programmable features	Application Generator (Windows)

Optical

Depth of scan field	20-200 mm
Resolution	100x64 px
Reading width	45mm ~ 124mm

Electrical

Power Source	2x AAA alkaline baterie

Mechanical

Dimensions	Width: 25mm, Height: 56mm Length: 120mm
Weight	180g including battery

Environment

Operating temperature	-20 to 60°C
Storage temperature	-30 to 70°C
Operating humidity (non-condensing)	10 to 90%
Storage humidity (non-condensing)	5 to 95%
Shock resistance	drop from 1,2 m onto concrete surface
Maximal ambient light	1200lux direct sunlight