

CPT-8000 / CPT-8001 (CipherLab)



The 8000 Portable Data Terminal is the smallest and the cheapest 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. Like 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 comes to you with the communication cradle as the standard and with the [Application generator AG-8000](#), which is always available to download from internet.

Beside the standard application tools (Application Generator, Mobile-Sale, etc.), CodeWare develops custom-made applications for all terminals of the brand CipherLab. Contact us for more information.



With its size and price the unit is comparable with mobile phone - even the performance stands in the level of the model CPT-711.



IR communication cradle with connection to COM port of PC is standard in each set, but you can easily transfer data also via IrDA interface of your computer.

Options

Operation battery	2 AAA-size batteries (CPT-8000) ; Li-ION Nokia type (CPT-8001)
Backup battery	3.0V, 7mAH rechargeable Lithium battery for SRAM & calendar
Working time	over 100 hours
Dimensions	120mm (L) x 56mm (W) x 25mm (H)
Weight	120g (including battery)
Color	Black
Material	ABS
CPU	Toshiba 16-bit CMOS, tunable clock, up to 22MHz
Program memory	1 M Bytes flash
Data memory	optionaly 1M or 2M Bytes SRAM
Resolution	0.125mm ~ 1.00mm
Depth of field	2 ~ 20cm
Width of field	45mm ~ 124mm
Scan rate	100 scans/sec
Ambient Light Rejection	1200 lux (Direct Sun-light) 2500 lux (Fluorescent Light)

Display	100x64 graphic dots FSTN LCD display with LED backlight
Keypad	21 numeric rubber keys with LED backlight.
Indicator	Buzzer: Software programmable audio indicator, 1KHz to 4KHz, low power transducer type. LED: Programmable, dual-color (green and red) LED for status indication.
Communication	Serial IR: Baud rate up to 115200bps Standard IrDA: Baud rate up to 115200b
Operating System	CipherLab proprietary OS
Programming Tools	"C" compiler, BASIC compiler and a Windows-based Application Generator
Accessories	IR Communication Cradle Modem Cradle with Power Adapter

Environment

Operating Humidity	non-condensed 10% to 90%
Storage Humidity	non-condensed 5% to 95%
Operating Temperature	-20 to 60 °C
Storage Temperature	-30 to 70 °C
EMC regulation	FCC, CE and C-tick
Shock resistance	1.2m drop onto concrete