

CPT-8630C Mobile Terminal, CCD, WLAN, 8MB, 29 keys, USB

The 8600 series mobile computer is a pioneer product of new generation. It is a combination of functionality, ruggedness, and mobility rolled all into one efficient device. The new 8600 has a color display that defines background and text with various colors to improve readability and support rich data management tasks. It runs on CipherLab OS to reduce redundancy in programs and applications for users.

The modular charging / communication system and swappable keypad gives user flexible configuration into his hands. The 8600 series mobile computer is specifically designed with top durability in mind. Being compact and ergonomic, it's extremely rugged with IP65 standard which is capable of enduring exposure to dust, dirt and water jets. The protection features make the 8600 series one of the toughest of its kind in the market. The 8600 series' rugged features also have the optional hard shell that gives extra protection and ease of grip. The LCD display is covered by a polycarbonate panel protector for extra protection from hits and accidents.



The 8600 series is purposely designed with ergonomics and lightweight to provide more flexible mobility for its users. Weighing only approximately 240 grams, it allows for comfortable operation all-day with maximum mobility. It also has an optional pistol-grip that the users can employ for easier operation of intensive scanning to improve productivity. The 8600 series also comes with GPS as an option which is unique among other products of its kind. When it is required, this GPS feature can be engaged to improve accuracy of outdoor asset management and give field workers the ability to provide more complete information for management anywhere.

The most significant features of CipherLab CPT-8600 mobile terminal

- color LCD display with polycarbonate panel protector;
- swappable keyboard;
- optional RFID reader;
- optional GPS module;
- optional handle;
- modular design of the accessories;

- wireless capabilities of Bluetooth 4.0 and 802.11 b/g/n at 8630 and 8660 models;
- strong ruggedness and IP65 ingress protection.



Technical Description

Functionality & Operation

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|--------------------------|---|
| WLAN Features | IEEE 802.11 b/g/n |
| Operating system | proprietary |
| Communication interface | USB, Bluetooth 2.1 |
| 1D Barcode Symbolologies | All standard one-dimension barcodes |
| Frequency | 13.56 MHz |
| Display type | 2,83" TFT LCD color with programmable LED backlight |
| Data retention | 25den |
| Indicators | 2x LED (dual-color, red/green and blue/green), vibration, speaker |
| Keyboard | 29 keys, with programmable LED backlight |
| Expansion slot | Micro SD Card (SDHC) |
| Data memory | 8MB DRAM 16MB SRAM |
| Program memory | 16MB Flash |
| CPU Type | ARM Cortex-M3 |

Optical

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|------------------|------------|
| Bar code scanner | CCD |
| Resolution | 320x240 px |

Electrical

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|----------------------------------|--|
| Main battery pack operating time | 2200 mAh/1100mAh 34/17 h Bluetooth off, 2200mAh/1100mAh 24/14 h Bluetooth on |
| Main battery pack | Rechargeable Li-Ion battery 2200 mAh, 3,7V, Rechargeable Li-Ion battery 1100 mAh, 3,7V |

Mechanical

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|------------|---|
| Dimensions | Width: 30mm, Height: 60mm Length: 170mm |
| Weight | 240g including battery |

Environment

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|-------------------------------------|---|
| Electrical static discharge | ±8kV contact, ±15kV air |
| Ingress protection | IP65 |
| Shock resistance | 1000 tumbles at 1 m, Withstands multiple drops from 1,8 m to concrete, in all axis and in operating temperature range |
| Storage humidity (non-condensing) | 5 to 95% |
| Operating humidity (non-condensing) | 10 to 90% |

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