



CipherLab CP55 Industrial Mobile Computer, Laser, WEH6.5, WLAN, GPS, 3G, QVGA, numeric keys

Mobile computer suitable for demanding industrial applications with powerful dual-core processor, characterized by low weight, small size, 5 megapixel camera and AGPS navigation. It can optionally be equipped with an RFID reader. CipherLab CP55 is a Windows Embedded Handheld PDA built to fulfill the demands of transportation, logistics and warehousing applications. Coupled with barcode readers or RFID (HF) sensor, CP55 provides versatile data capture options. Further, this rugged PDA meets 1.5m drop and IP65 specification that survives well in harsh environment.

The CipherLab CP55 is specifically constructed for the businesses with demanding applications in the transportation & logistics, manufacturing and warehousing industry and field service. The CP55 successfully extends CipherLab's product portfolio with its unique features of high performance paired with ruggedness. Equipped with practical features and value-added software, the CP55 offers an intelligent choice for complex applications.



Its on-board 4 GB memory allows workers to continue their jobs even outside of wireless network coverage, yet offers reliable data transmission once within range via multiple wireless communication options. With incorporated GPS, the CP55 series gives you the ability to handle direct store delivery (DSD), asset management, and vehicle tracking with ease. Moreover, the choices of a 5-megapixel camera and RFID give you flexible and versatile data capture at your fingertips. Along with CipherLab's free software tools, more applications can be handled with faster and easier customization than ever before.

The CP55 enables better management of your mobile workforce. Its flexible wireless communication options keep your field workers connected at all times. 3.8G HSPA+ with AGPS option allows location-based applications with real time navigation, such as direct store delivery (DSD), asset management and vehicle tracking. Bluetooth®, 802.11 a/b/g/n, and 3.8G HSPA+ connectivity let workers communicate with peripherals, to save time and simplify operation while on the job. It provides seamless data transfer as well, keeping systems updated in real-time for the most informed management decisions. Laser and 2D options ensure accurate data capture, enabling workers to complete assigned tasks more quickly and efficiently. With optional RFID, the CipherLab CP55 is ready to assist your business in keeping up with the dynamic demands in transportation, logistics, and warehousing applications. The device comes with numeric and QWERTY keypad options for data input and editing when situations call for it. Optional pistol grip allows workers to scan over longer periods of time with comfort and thus increases labor output.

Highlighted features of the Industrial Mobile Computer CipherLab CP55

- 4 GB onboard memory

- all kinds of wireless communication: WiFi, Bluetooth, GSM/HSPA, GPS
- 5 megapixel camera
- user friendly SPB SmartShell preinstalled
- bar code scanner at your will: 1D laser,linear imager,long laser or 2D imager
- optional KALIPSO Mobile Application Generator for easy and quick customization
- optional SOTI MobiControl for improved device management in the field
- ergonomic pistol grip available

Promotional video: VIDEO='DMS:2787



Technical Description

| Functionality & Operation | |
|-------------------------------------|---|
| Indicators | Three color LEDs, vibration, speaker |
| Communication interface | USB, OTG, RS232 |
| 1D Barcode Symbolologies | All standard one-dimension barcodes |
| Programmable features | Cipherlab C++ / .NET, SDK to support Microsoft ® Visual Studio 2008 |
| Display type | 3,5" QVGA TFT LCD Transflective 65k LED backlight |
| Operating system | Windows® Embedded Handheld |
| Keyboard | numeric, with LED backlight |
| Wireless communication | GSM, GPRS, EDGE |
| Bluetooth profiles | GAP |
| Data memory | 4GB |
| Expansion slot | Micro SD Card (SDHC) |
| GPS navigation | AGPS |
| WWAN Features | GSM/GPRS/EDGE: Quad band 850 / 900 / 1800 / 1900 MHz |
| WLAN Features | IEEE 802.11 a/b/g/n, WLAN security: WEP, WPA: PSK, TKIP, WPA2: AES, PSK, WPA-1x: TKIP, EAP-TLS, PEAP, WPA2-1x: AES, EAP-TLS, PEAP, 802.1x: EAP-TLS, PEAP |
| WPAN Features | Bluetooth® Class II v2.1 EDR |
| Optical | |
| Resolution | 320x240 px |
| Bar code scanner | Laser |
| Camera | 5 MPix, with Autofocus, with LED flash |
| Electrical | |
| Main battery pack | Rechargeable Li-Ion battery 3300 mAh, 3,7V |
| Main battery pack operating time | 10hod |
| Mechanical | |
| Dimensions | Width: 182mm, Height: 77.5mm, Length: 37mm |
| Weight | 400g |
| Environment | |
| Operating temperature | -20 to 50°C |
| Storage temperature | -30 to 70°C |
| Shock resistance | drop from 1,5 m onto concrete surface, 1000 tumbles at 50 cm |
| Storage humidity (non-condensing) | 5 to 95% |
| Operating humidity (non-condensing) | 10 to 90% |
| Electrical static discharge | ±8kV contact, ±15kV air |
| Ingress protection | IP65 |
| Others | |
| Certifications | CE, Green, BSMI, NCC, SRMC, MII, TLC-39, CCC |
| Application software | App-Lock, Button Assignment, Reader Configuration, Signature Capture, MIRROR Browser, Terminal Emulation, CipherLab MIRROR Browser, Kalipso Mobile Application Generator, Naurtech CETerm, SOTI MobiControl, GPS Viewer |

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|----------------------|---|
| Optional accessories | belt holster, vehicle charger, pistol grip, charging and communication cradle, protective cover |
| Warranty | 1 year |
| Bundled Accessories | hand strap, headphones, battery, charging supply, stylus, USB Charging and Communication Cable |

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