

**CIPHER LAB**  
Smarter

# 9700 series



## Crafted for Superior Indoor Application

Deliberately created for the challenging requirements of the warehousing, distribution center and manufacturing industries, the CipherLab 9700 series features excellent functionality and ruggedness for applications within four-wall environments. The 9700 series is built with industrial toughness to work under any in-premise environments with ease. Its versatility and flexible reader options assists users to effectively capture barcodes located in difficult settings. 9700 series' new keypad design offers 3 different keypad options to deliver user friendly usage. Additionally, a load of other valuable features makes 9700 series a useful tool for all your warehouse and distribution center demands.







## Comfortable and Long-lasting Designs Crafted with Keypad Options

The 9700 series' flexible design offers 3 different keypads which allow the 9700 series to utilize its options depending on users' situations. The 9700 series comes equipped with both 30 and 38 numeric keypads with 4 and 10 function keys for user application needs. In addition, a 53 key alphanumeric with 20 function keys can serve as an alternative for Terminal Emulation of VT220, TN3270 and TN5250 systems. Its compact and

ergonomics offer great mobility and comfort for its users. Paired with a pistol grip option, it ultimately minimizes the burden on the users' intense scanning demands with easier operation. The 9700 series also provides 2 different battery options in 3600 mAh and 5400 mAh batteries which allow longer operation time to last beyond a full shift period.

## Flexible Wireless Communications and Efficient Communication

The 9700 series offers instant and safe data transmission with its wireless communication options. Its IEEE 802.11 a/b/g/n with CCXv4 certified keeps backend systems updated simultaneously granting users the ability to allow real-time network and access critical information. Users are able to receive real-time quality data transmission with The *Bluetooth*® communication Class II, V2.1 which is also fully compatible with printers, accessories and peripherals. Furthermore, Push-to-talk is a feature designed to provide better workflow and communication efficiency by supporting one-to-many features under WLAN conditions.



## Value-added Software with Mainstream Platform

The 9700 series operates on Windows® CE 6.0, Windows® embedded handheld 6.5 and TI OMAP 1GHz CPU which is adapted to meet the mainstream verticals in the business and easy developments. It is also equipped with user-friendly software and utility support which will fully maximize the value of the software features. Having button assignment allows users speed up process with quick access to function keys. It also includes App-Lock which empowers you with full control over the device to ensure worker productivity.



### Application Development

**SYSDEV KALIPSO**  
mobile application generator

- Mobile Application Generator

### Browsers and Terminal Emulators

#### CipherLab

- Mirror Browser
- Mirror Terminal Emulator
- Mirror Browser

**wavelink**

- Industrial Browser
- Terminal Emulator

**NAURYTECH CORPORATION**

- CEM Industrial Browser and Terminal Emulator

### Device Management

#### CipherLab

- App-Lock

**wavelink**

- Avalanche™

**SOTI.net**  
We Manage Mobility

- MobiControl



Support terminal emulation of VT220 / TN3270 / TN5250 systems.

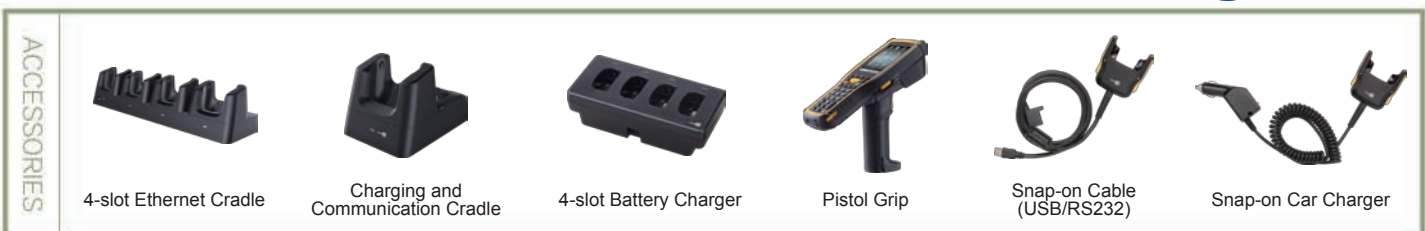
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## Industrial Mobile Computer



|                          |                                  |  |
|--------------------------|----------------------------------|--|
| Performance              | Operating system                 | Windows® CE 6.0 R3 / Window® Embedded Handheld 6.5.3 (Q4 / 2014)   |
|                          | CPU                              | TI OMAP 3730 1GHz  |
|                          | Memory                           | 4GB Nand FLASH / 512MB DDR SDRAM   |
|                          | Expansion                        | Micro SD slot with SDHC support  |
|                          | Operating power                  | Rechargeable 3.7V 3600 mAh / 5400 mAh Li-ion Battery   |
|                          | Working hours <sup>1</sup>       | 13   |
|                          | Alert                            | 3 LED indicators (for RF, charging status and good reading) / Vibrator/ Speaker  |
|                          | Interface supported              | USB, RS232   |
| Wireless communication   | WLAN                             | Cisco® CCXv4 Certified 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                             | Bluetooth® Class II, V2.1 With Enhanced Data Rate (EDR)  |
|                          | Bluetooth® profile               | GAP, SDP, GOEP, SPP, OPP, DUN, A2DP, PAN, HID, HSP, HFP, AOB, AVRCP  |
| Data capture             | Barcode scanning                 | 1D Laser / 2D Imager / 1D Extended Range Laser / Near/Far 2D Imager  |
| Physical characteristics | Display                          | 3.5" QVGA TFT color LCD with LED backlight, Sunlight readable resistive Touch Panel  |
|                          | Keypad                           | 30-key / 38-Key Numeric and 53-Key Alphanumeric keypads with LED backlight   |
|                          | Size (LxWxH)                     | 214 mm x 87 mm x 47 mm   |
|                          | Weight (laser including battery) | 447g (3600 mAh) / 478g (5400 mAh)  |
| User environment         | Operating temperature            | -20°C to 50°C  |
|                          | Storage temperature              | -30°C to 70°C  |
|                          | Humidity (non-condensed)         | 5% ~ 95%   |
|                          | Impact resistance                | SGS Certified 1.8 m Multiple drops onto concrete (MIL-STD-810G test standard)<br>IP65 / 500 (1 m) and 1000 (0.5 m) tumbles   |
|                          | Electrostatic discharge          | ± 15 kV Air discharge, ± 8 kV Contact discharge  |
|                          | EMC regulation                   | FCC / CE / Green / BSMI / NCC / SRRC / CCC / ANATEL  |
| Development support      |                                  | Cipherlab C++ / .NET, SDK to Support Microsoft® Visual Studio 2005, Microsoft® Visual Studio 2008  |
| Application software     |                                  | App-Lock, Backup Utility, Button Assignment, Reader Configuration, Signature Capture, CipherLab MIRROR Browser, MIRROR Browser 5, Kalipso Mobile Application Generator, Naurtech CETerm, SOTI MobiControl, Wavelink Browser and Emulator |
| Accessories              |                                  | Snap-on Cable (USB / RS232), Snap-on Car Charger, Pistol Grip, Belt Holster for Device with Pistol Grip, 4-slot Battery Charger, Charging and Communication Cradle, 4-slot Ethernet Cradle   |
| Warranty                 |                                  | 1 Year   |

1. Minimum 13 hours under WLAN and laser scanning per 20 seconds, LCD 50% backlight and speaker on (volume is default) at 25°C, Bluetooth® off / IEEE 802.11 a/b/g/n on. The test is based on one broadcasting packet per second.



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