



# 1660 series pocket-size scanner

The handiest scanning device on the planet



## The handiest, most versatile pocket-size scanning solution

- ▶ SMALL AND LIGHTWEIGHT
- ▶ PAIRED BT COMMUNICATIONS
- ▶ WORK ANYWHERE, ANY TIME



Smaller than your mobile phone, the 1660 series pocket-size scanners pack a lot of versatility in a handy package. The 1660 series delivers a great amount of scans over a day of work on a pair of replaceable AAA batteries or the option of rechargeable Li-ion batteries. Besides, when used as memory scanners, the 1660 series hold over 10 thousand scans.



3610 Bluetooth transponder

Designed for healthcare, field sales and service environments with strong mobility requirement, the CipherLab 1660 series brings the highest flexibility to the workers in the field. The Bluetooth communication and pocket-sized form factor with extreme lightweight unleash workers and allow them to go where the work is and get more done, in more places.

## Simple. Powerful. Portable.

Now, any size company can easily benefit from the productivity of automated data capture. Combine a Bluetooth-compliant notepad PC or PDA with the 1660 series for a low-cost, highly-efficient portable, powerful data capture and management solution. Add the 3610 for instant pairing and reliable wireless on any computer with a USB port. No complicated programming, no mainframe or servers are needed. And it's all easy to carry.



1660 scanner

The 1660 series holds more innovative product designs from the company known for its best-selling handheld scanners. CipherLab scanners offer outstanding, long-lasting service, and deliver a high return on investment (ROI). Reliability, user comfort, and low power consumption make CipherLab scanners the ideal choice for continuing value.

## ScanMaster – Custom Configure Scanners at No Additional Cost

The ScanMaster software offers a comprehensive solution to configure scanners, edit format and symbol types, and much more. It's easy to use and set up through the standard Windows® interface. All generated settings can be saved and printed out as barcodes to share with other users, so other users can scan to configure their scanners.

## CipherConnect – Work Smarter Utilizing PDAs and Smart Phones

CipherConnect is a COM-to-key software utility designed for CipherLab cordless scanners to work as an input device for smart devices – enabling intensive data collection via Bluetooth Serial Port Connection. Now it is available for Android, BlackBerry, and Windows Mobile via Bluetooth SPP (Slave).

\*Apple's iPhone, iPad, and iPod touch (2nd Generation) support Bluetooth HID profiles when running iOS 4 and above, where CipherConnect isn't needed to pair with CipherLab cordless scanners.

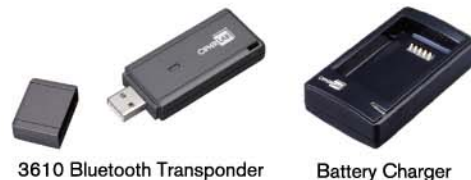
## 1660 series scanner



|                  |  | 1660   | 1661   |
|------------------|--|--|--|
| RF Communication | Module   | Bluetooth Class 3 (2.4 GHz) Version 2.0  |  |
|                  | Converage  | 10 m / 33 ft. line of sight  |  |
|                  | Standard profile   | SPP, HID   |  |
| Performance      | Category   | Bluetooth linear imager scanner  |  |
|                  | Optical sensor   | 2500 pixels  |  |
|                  | Light source   | Red LED 625 nm   |  |
|                  | Resolution   | 3 mil  |  |
|                  | Depth of field<br>(depends on barcode resolution)  | 3.5 to 38 cm / 1.4 to 15 in.   |  |
|                  | Scanning angle   | Pitch $\pm 70^\circ$ Skew $\pm 70^\circ$   |  |
|                  | PCS  | Minimum 30%  |  |
|                  | Scan rate  | 100 scans/second   |  |
|                  | Barcodes supported   | Codabar, Code 39, Code 93, Code 128, GS1 DataBar (RSS), Industrial 2 of 5, Interleave 2 of 5, ISBT-128, Italian and French Pharmacodes, Matrix 2 of 5, MSI, Plessey, Telepen, UPC-A, UPC-E, EAN-8, EAN-13, GS1-128 (EAN-128) |  |
|                  | Programmable features  | Data editing, interface selection, symbology configuration   |  |
| Language support | US and UK English, French, Italian, Belgian, Norwegian/Swedish, Spanish, Portuguese, German, Japanese, Turkish and Hungarian |  |  |
| Physical         | Weight (including battery)   | 50 g / 1.76 oz.  | 69 g / 2.43 oz.                              |
|                  | Size LxWxH   | 9.5 x 3.5 x 2 cm / 3.7 x 1.4 x 0.8 in.   |  |
|                  | Color  | Grey   |  |
|                  | Switch   | Push-button switch, plus [Delete] key  |  |
|                  | Memory   | 256K   | 512K   |
| Electrical       | Working hours  | 30 hours based on 1 scan / 5 seconds   | 40 hours based on 1 scan / 5 seconds         |
|                  | Power Supply   | Two AAA batteries  | Li-ion 3.7V, 850 mAh                         |
|                  | Power consumption<br>Standby/Operating   | 15 mA / 245 mA @ 3V  | 17 mA / 190 mA @ 3.7V                        |
| User Environment | Temperature  | Operating: 0 °C to 50°C / 32°F to 122°F  | Storage: -20°C to 60°C / -4°F to 140°F       |
|                  | Humidity   | Operating: 10% to 90%  | Storage: 5% to 95%                           |
|                  | Impact resistance  | -  | 90 cm / 3.0 ft. multiple drops onto concrete |
|                  | Electrostatic discharge  | $\pm 8$ kV contact $\pm 15$ kV air   |  |
|                  | EMC regulation   | BSMI, CE, C-tick, FCC, MIC, NCC, IC, TELEC, SRMC, KC   |  |
| Configuration    | Setup options include Windows®-based ScanMaster software (included)  |  |  |
| Accessories      | 3610 Bluetooth Transponder   | 3610 Bluetooth Transponder, Micro USB cable, and battery charger   |  |
| Warranty         | 1 year   |  |  |

Internationally recognized quality and service

- ▶ **Gold Mobile Star Award, 1660 Bluetooth scanner**  
from MobileVillage, North America, 2009
- ▶ **Mobile/Wireless Product Innovation of the Year**  
from Network Products Guide, North America, 2008
- ▶ **In-store Handheld Automation Product Innovation of the Year**  
from Frost & Sullivan (industry analysts), North America, 2007
- ▶ **One of Top 3 Scanner Manufacturers Worldwide**  
by Venture Development Corporation (industry analysts), USA, 2006



3610 Bluetooth Transponder

Battery Charger