



## CipherLab CP-1662 Bluetooth Laser Scanner+Battery, rechargeable

Smaller and lighter than a mobile phone, the 1600 series can be easily fit in your pocket and carried around for required tasks wherever it takes. The 1600 series is built to meet the needs in healthcare, field sales and field service with strong mobility requirement. Optional Bluetooth® connectivity allows instant data acquisition to a Bluetooth® compatible PDA, laptop, PC or any other Bluetooth®-enabled devices.

With a choice of laser bar code reader (CP-1662) or 2D imager (CP-1664), your business needs will be met in a wide range of applications. It is simple, powerful, and portable. More of it, it perfectly works together with any Android mobile phone - you may freely download and use CipherConnect Pro software from Google Play.



The bar code reader is powered from a Li-ion battery that allows up to 35 hours of work. Charging is provided via the USB interface of the reader or via an external battery charger, which can be optionally supplied. Operating zone of wireless signal is within a radius of 20 m from the base unit or from the connected device. If the CP-1662 / CP-1664 is outside the working zone of the base unit, it stores the scanned data into the internal 4 MB memory. When the connection is re-established again, data are transferred immediately.

Pocket bar code collector CipherLab 1661 is available also in special design for health institutions, pharmacies, and similar social institutes. The housing is cast from a mixture of antimicrobial solution developed for this purpose by Microban corporation.

### Main features of the portable reader CipherLab CP-1662 / CP-1664:

- wireless Bluetooth (HID specification) allows connectivity with most of mobile phones, PDAs and other portable devices
- high scanning rate: 100 scans/sec.
- light and ergonomic design
- large depth of reading field, from 2 cm up to 42 cm (4 mil barcode at 30% contrast)
- up to 20 meters line-of-sight range of wireless operating range
- low power consumption
- includes free ScanMaster software
- connectable to any Android device, by using cost-free CipherConnect Pro utility



# Technical Description

Functionality & Operation	
1D Barcode Symbologies	Bookland EAN, Codabar, Code 32, Code 39, Code 128, Code 93, EAN 8, EAN 13/UPCA, French Pharma Code, GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar-14, GS1-DataBar, Industrial 2 of 5, Interleaved 2 of 5, Italy Pharma Code, MSI, Plessey, Trioptic Code 39, ISBT-128
Configuration	by programming barcodes, ScanMaster utility
Programmable features	selection communication interface, configuration of recognized symbologies, data editing
Memory	4MB
Operation interface	ON/OFF, scan button
Wireless communication	Bluetooth®
Language support	Belgian, French, German, Italian, Japanese, Norwegian, Portuguese, Spanish, Swedish, Turkish, US and UK English, Hungarian
WPAN Features	Bluetooth® Class II compliance v2.1
Optical	
Light source	visible laser diode VLD 650 nm
Depth of scan field	20-420 mm
Scanning rate	100scan/s
Resolution	4 mil
Maximal skew angle	50°
Maximal pitch angle	65°
Bar code scanner	Laser
Minimal PCS value	30%
Electrical	
Power Consumption - Standby	20mA
Power Consumption - Operation	100mA
Main battery pack	Rechargeable Li-Ion battery 850 mAH, 3,7V
Main battery pack operating time	35hod
Mechanical	
Dimensions	Width: 113mm, Height: 45mm, Length: 30mm
Weight	100g
Color	black
Environment	
Operating temperature	0 to 50°C
Storage temperature	-20 to 60°C
Shock resistance	drop from 1,5 m onto concrete surface
Storage humidity (non-condensing)	5 to 95%
Operating humidity (non-condensing)	10 to 90%
Electrical static discharge	±8kV contact, ±15kV air
Ingress protection	IP42
Others	
Certifications	BSMI, C-Tick, CE, FCC, IC, NCC, TELEC, SRMC

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