



## 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
Wireless communication	Bluetooth®
WPAN Features	Bluetooth® Class II compliance v2.1
Programmable features	selection communication interface, configuration of recognized symbologies, data editing
Language support	Belgian, French, German, Italian, Japanese, Norwegian, Portuguese, Spanish, Swedish, Turkish, US and UK English, Hungarian
Memory	4MB
Configuration	by programming barcodes, ScanMaster utility
Operation interface	ON/OFF, scan button

## 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 - Operation	100mA
Main battery pack operating time	35hod
Power Consumption - Standby	20mA
Main battery pack	Rechargeable Li-Ion battery 850 mAh, 3,7V

## Mechanical

Weight	100g
Dimensions	Width: 113mm, Height: 45mm Length: 30mm
Color	black

## Environment

Operating temperature	0 to 50°C
Storage temperature	-20 to 60°C
Operating humidity (non-condensing)	10 to 90%
Storage humidity (non-condensing)	5 to 95%
Shock resistance	drop from 1,5 m onto concrete surface
Ingress protection	IP42
Electrical static discharge	±8kV contact, ±15kV air

## Others

Certifications	BSMI, C-Tick, CE, FCC, IC, NCC, TELEC, SRMC
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