



## CCD-1000 Hand Bar Code Scanner, USB, black

CCD barcode reader. In case of RS232 model please select, if you need +5VDC power supply.

Referential installations:



- the employment offices of the Czech Ministry Of Labour And Social Affairs (10 thousand units in total)
- Fokus Optik, Prague

Cipherlab awards the user with a free [worldwide accesible setup tool](#) as an addition to the standard way of setting up the device using printed barcode manual.



# Technical Description

## Functionality & Operation

|                          |                                                                                                                                                                                                                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Communication interface  | USB-HID, USB-VCP                                                                                                                                                                                                                                                                                                      |
| 1D Barcode Symbolologies | Code 39, Italy Pharma Code, French Pharma Code, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, EAN 8, EAN 8 + ADDON 2, EAN 8 + ADDON 5, EAN 13/UPCA, EAN 13/UPCA + ADDON 2, EAN 13/UPCA + ADDON 5, UPCE, UPCE + ADDON 2, UPCE + ADDON 5, Codabar, Code 128, MSI, Plessey, UPCA, UPCA + ADDON 2, UPCA + ADDON 5 |
| Indicators               | LED red for good read, green for status, programmable buzzer                                                                                                                                                                                                                                                          |
| Programmable features    | Code ID, Prefix Code, Postfix Code, Length Code, Barcode type, Keyboard layout, ISBN/ISSN/UK Plessey conversion                                                                                                                                                                                                       |

## Optical

|                       |                          |
|-----------------------|--------------------------|
| Light source          | visible red LED 660 nm   |
| Depth of scan field   | 0-120 mm (3 mil barcode) |
| Maximal barcode width | 150mm                    |
| Scanning rate         | 200 scan/s               |
| Minimal PCS value     | 0.45                     |
| Bar code scanner      | 1D Imager 1500 px        |
| Resolution            | 3 mil                    |
| Maximal pitch angle   | 70°                      |
| Maximal skew angle    | 40°                      |

## Electrical

|              |          |
|--------------|----------|
| Power Source | +5V ±10% |
|--------------|----------|

## Mechanical

|              |             |
|--------------|-------------|
| Weight       | 203g        |
| Body housing | ABS plastic |

## Environment

|                                     |                                     |
|-------------------------------------|-------------------------------------|
| Operating temperature               | 0 to 50°C                           |
| Storage temperature                 | -20 to 60°C                         |
| Operating humidity (non-condensing) | 20 to 90%                           |
| Storage humidity (non-condensing)   | 10 to 95%                           |
| Shock resistance                    | drop from 1 m onto concrete surface |

## Others

**CODEWARE, s.r.o.**  
Jaromírova 484/37  
120 00 Praha 2 - Nusle  
IČ: 61061395, DIČ: CZ61061395

+420 222 562 444  
codeware@codeware.cz  
<https://www.codeware.cz/>

