

## ≡ OPTICON

### OPN-2001, 1D Laser Mini Data Collector, USB

Tiny bar code reader occupied with 512 kB memory (what means at least 10.000 bar codes can be stored), connectable to USB interface port of PC

Data collector OPN-2001 makes the process of scanning a barcode for everyone. The use of this sensor is very intuitive - you remove the barcode, and everything else happens automatically. If you make a mistake, the lower button allows you to delete the last record from memory.



#### Key Features:

- USB interface for easy data transfer device is equipped with a standard USB port, which is also used for charging batteries - Internal memory 512K - for about 10,000 codes, including time stamps - small size - 32 x 62 x 16 mm (W x H x D) - low weight - only 28 grams - simple operation with two buttons We offer as well [as charging and communication units](#) Dokki for data collectors Opticon OPN-2001, OPN-2005, OP



# Technical Description

## Functionality & Operation

|                          |                                     |
|--------------------------|-------------------------------------|
| Indicators               | LED (red/green/orange), buzzer      |
| Communication interface  | USB                                 |
| Memory                   | 512Kb                               |
| Data retention           | 72hod                               |
| 1D Barcode Symbolologies | All standard one-dimension barcodes |
| Postal Codes             | China, Korea                        |

## Optical

|                     |                        |
|---------------------|------------------------|
| Depth of scan field | 50-570 mm              |
| Light source        | visible red LED 650 nm |
| Scanning rate       | 100scan/s              |

## Electrical

|                       |                      |
|-----------------------|----------------------|
| Main battery pack     | Li-Ion 150 mAh, 3,7V |
| Battery charging time | 2hod                 |

## Mechanical

|              |                                        |
|--------------|----------------------------------------|
| Body housing | ABS plastic                            |
| Weight       | 29g including battery                  |
| Dimensions   | Width: 32mm, Height: 62mm Length: 16mm |

## Environment

|                                     |                                                 |
|-------------------------------------|-------------------------------------------------|
| Operating temperature               | 0 to 40°C                                       |
| Shock resistance                    | multiply drops from 1,5 m onto concrete surface |
| Vibrations resistance               | 10-100 Hz with 2G for 30 min                    |
| Operating humidity (non-condensing) | 20 to 85%                                       |
| Storage temperature                 | 0 to 60°C                                       |
| Storage humidity (non-condensing)   | 20 to 85%                                       |
| Ingress protection                  | IP42                                            |

## Others

|                |                     |
|----------------|---------------------|
| Certifications | CE, FCC, RoHS, VCCI |
| Warranty       | 1 year              |

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