

## ≡ OPTICON

### OPC-3301 Wireless CCD scanner 1D barcodes, BT

OPC-3301 is a wireless CCD 1D bar codes from Opticon, which communicates right with each other devices using wireless Bluetooth technology. It is equipped with aggressive scanning engine to provide both fast and accurate scanning. OPC-3301 seamlessly reads barcodes with low contrast codes with high density.

Wireless reader OPC-3301 is specifically designed for ergonomic scanning. Thanks to the pistol grip and low weight naturally fits in the hand, allowing for comfortable use throughout the day.



OPC-3301 uses Bluetooth technology, which allows data capture and instantly transmit into the system, or when the device is out of range, save barcodes scanned into memory and send it later. This prevents data loss and increase work efficiency.

Durable reader cover ensures reliable operation even in demanding environments and provides protection against a fall onto concrete from a height of two meters.

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



# Technical Description

## Functionality & Operation

|                          |                                     |
|--------------------------|-------------------------------------|
| Memory                   | 1MB DRAM                            |
| WPAN Features            | Bluetooth® Class II v2.1 EDR        |
| Wireless communication   | Bluetooth®                          |
| 1D Barcode Symbolologies | All standard one-dimension barcodes |

## Optical

|                     |                        |
|---------------------|------------------------|
| Bar code scanner    | 1D Imager              |
| Depth of scan field | 55-75 mm               |
| Light source        | visible red LED 623 nm |
| Scanning rate       | 300scan/s              |

## Electrical

|                   |                       |
|-------------------|-----------------------|
| Main battery pack | Li-Ion 1100 mAh, 3,7V |
|-------------------|-----------------------|

## Mechanical

|              |                                          |
|--------------|------------------------------------------|
| Color        | black, white                             |
| Weight       | 127g                                     |
| Dimensions   | Width: 113mm, Height: 132mm Length: 56mm |
| Body housing | ABS plastic                              |

## Environment

|                       |                                       |
|-----------------------|---------------------------------------|
| Operating temperature | 0 to 50°C                             |
| Storage temperature   | -20 to 60°C                           |
| Ingress protection    | IP42                                  |
| Shock resistance      | drop from 1,5 m onto concrete surface |
| Vibrations resistance | 10-100 Hz with 2G for 1h.             |

## Others

|                |                                              |
|----------------|----------------------------------------------|
| Certifications | CE, FCC, RoHS, IEC 62471 Exempt, IEC 60950-1 |
| Warranty       | 1 year                                       |

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