

# OPN-1001

## Concept



An ultra compact bar code scanner which supports Bluetooth. It can operate with Bluetooth equipment such as a mobile phone.



## Product Features

### A Highly Portable Scanner

Adopted a compact chassis (29 W x 87 L x 23 H mm). This product only weights 57 grams including the weight of its batteries. Users can keep this product in their pockets to carry it.

### Enhanced Water Resistant and Dust-proof Features to Satisfy IP-54 Requirements

Enhanced water resistant and dust-proof features of this product satisfy IP-54 requirements. It can operate in high humidity or in high temperature.

### Operation with Bluetooth Equipment as its Platform

Bar code data scanned by OPN-1001 can be transmitted to a mobile phone via Bluetooth. Also, the data transmitted to a mobile phone can be forwarded to a data center via dedicated line.

### Connect with Peripheral Devices via USB Adapter (Separately Sold)

By using USB adapter, this product can carry out wireless communication with portable printers, laptops or PDA. Users have the freedom of using this product without worrying about the location of its platform.

### Size AAA Alkaline Batteries for Power Charge

Possible to charge OPN-1001 using size AAA alkaline batteries. You can start using this product at any time.

## Contact US

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CABLED

WIRELESS

STATIONED

OEM

**OPTICON**  
always scanning for new ID's

# OPN - 1001 Specifications

## Electric and Interface Specifications

Main Battery	2 size AAA alkaline batteries
Operating Time	8 Hours plus

## Optical Specifications

Light Source	Red laser diode 650 nm
Scan Rate	100 scans / per sec.

## Supported Symbologies

EAN, JAN, UPC-A, UPC-E, Industrial 2 of 5, IATA, Interleaved 2 of 5, NW-7 (CODABAR), Code-39, Code-93, Code-128(EAN128), MSI/Plessey

## Functional Specifications

MPU	32 bit
Memory Flash ROM	512KB
SRAM	64kB
Signs of Successful Scans	Buzzer and LED Lighting
Operation Keys	2 Keys (including a Trigger key)

## Cordless Communication Specifications

Bluetooth	Version 2.0
Output Level	Class 2
Profile	GAP, SPP
Frequency	2400 - 2483.5 MHz
Communication Distance	Approx. 5 m
Operation Mode	Master Mode
Connectivity	1Host : 1 Scanner
Security	Authentication and Encryption

## Environmental Specifications

Operating Temperature	0 - 40 degrees C 32 - 104 F
Storage Temperature	-20 - 60 degrees C - 4 - 140 F
Operating Humidity	20-85 % RH (non condensing)
Storage Humidity	20-90 % RH (non condensing)
Ambient Light Immunity	Fluorescent Light: 3,000 lx max. Sun Light: 50,000 lx max.
Dust- and Drip-Proof	IP54

## Physical Specifications

Weight	57 grams (including the weight of batteries) 0.125 pounds
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## Dimensions

29(W) x 87(L) x 23(H) mm  
1.14(W) x 3.42(L) x 0.90(H) inches

\* This product is compliant with RoHS.

All figures and values stated herein are measured with our original standards. Please refer to specifications for guaranteed values. All statements, figures and values stated herein are subject to change without prior notification.