

# OPN-2001

## Concept

A highly portable ultra compact data collector. Reduced its weight to as light as 28 grams by adopting lithium-ion batteries. Features of OPN-2001 is simple and easy to introduce.



## Product Features

### Laser Scan Engine with a Built-in Decoder

A bar code scanner which is highly reliable and not easily damaged. A laser scan engine with a built-in decoder is used for this scanner.

### Compact and Light

Uses lithium-ion batteries to reduce the size of a chassis used for OPN-2001. It only weights 28 grams. It is so small that users can wear it around their neck using neck straps.

### Enhanced Water Resistant and Dust-proof Features to Satisfy IP-42 Requirements

OPN-2001 has enhanced water resistant and dust-proof features which satisfy IP-42 requirements. Users don't

### Simple Features, Easy Operation

Users only need to press a trigger key to operate OPN-2001. No special training needed to introduce OPN-2001. You can start using it at any time.

### Connect to Personal Computer through Dedicated USB Cable.

It is possible to send scanned data to PC through a dedicated USB cable. Also, users can charge batteries of OPN-2001 using the cable.

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CABLED

WIRELESS

STATIONARY

OEM

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# OPN-2001 Specifications

## Electric and Interface Specifications

Main Battery	Lithium-ion Secondary Battery
Number of Scans	1000 times plus (when batteries are full)
Interface	USB (COM)

## 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, RSS
IATA, Interleaved 2 of 5, NW-7 (CODABAR), Code-39,
Code-93, Code-128 (EAN128), MSI/Plessey

## Functional Specifications

MPU	32 bits
Memory Flash ROM	512 KB
SRAM	64 kB
Signs of Successful Scans	Buzzer and LED Lighting
Operation Keys	2 Keys (scan, clear)

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	IP42

## Physical Specifications

Weight	28 grams (including the weight of batteries) 0.06 pounds
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## Dimensions

30 (W) x 62 (L) x 16 (H) mm
1.18 (W) x 2.44 (L) x 0.63 (H) mm

## Packaged Items

a Cable and a Strap
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\* 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.

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