

# OPN-2001

The world's smallest bar code data collector

A highly portable ultra compact data collector. Extremely small and light, yet featuring a high performance laser engine and a full 512KB of non-volatile memory. Extremely easy to use.



## Product Features

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

A bar code scanner which is highly reliable and not easily damaged. Opticon's latest laser scan engine has been used in this scanner.

### Compact and Light

Uses lithium-ion batteries to reduce the size of the chassis used for OPN-2001. It only weights 28 grams. It is so small that users can carry it or wear it.

### 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 need to concern themselves with extraordinary environmental protection.

### 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. A second key is provided to clear an incorrectly scanned code.

### 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 same cable.

## Contact US

Opticon Limited  
960 Capability Green  
Luton  
Bedfordshire LU1 3PE

Phone: +44 1582 635100  
Fax: +44 1582 635200  
Email: [sales@opticon.co.uk](mailto:sales@opticon.co.uk)

CABLED

WIRELESS

STATIONARY

OEM

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

# OPN-2001 Specifications

## Electrical 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

USB 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.