

1D LASER

# OPN 2001

Pocket Memory Scanner



The OPN 2001 pocket memory scanner makes barcode data collection simple for anyone. Using this scanner is straightforward – scan a barcode and it will be stored automatically. When you make a mistake, the lower button allows you to re-scan the barcode in order to remove the item from memory.

## Product Features

### USB communication interface

For easy data transfer the device is equipped with a standard USB port, which is also used to charge the internal battery.

### Large internal memory

Over 10.000 codes can be stored and removed by the user at any time

### Lightweight (only 28 grams)

Provides mobility and flexibility

### Two button operation

Plain and simple to use

Cabled

**Wireless**

Stationary

OEM

**OPTICON**

always scanning for new ID's

## Specifications

### OPN 2001 Pocket Memory Scanner

#### Electrical specifications

Main battery pack: Lithium-Ion rechargeable (3.7 V DC, 150 mAh)  
Main battery pack operating time: 1000 scans (conditions: every scan 4 sec. laser beam on / 1 sec. good read LED on)  
Charging method: Recharging lithium-Ion pack in scanner via USB port

#### Optical specifications

Light source: 650 nm visible laser diode  
Scan method: vibrating mirror  
Scan rate: 100 scans/sec  
Decode rate: 100 decodes/sec  
Reading pitch angle: -35 to 0°, 0 to +35°  
Reading skew angle: -50 to -8°, +8 to +50°  
Reading tilt angle: -20 to 0°, 0 to +20°  
Curvature: R>15 mm (EAN8), R>20 mm (EAN13)  
Min. PCS value: 0.45  
Depth of field: at PCS 0.9, UPC  
60 - 570 mm / 2.36 - 22.44 in (res. 1.0 mm / 39 mil),  
40 - 360 mm / 1.57 - 14.17 in (res. 0.5 mm / 20 mil),  
40 - 220 mm / 1.57 - 8.66 in (res. 0.25 mm / 10 mil),  
40 - 120 mm / 1.57 - 4.72 in (res. 0.15 mm / 6 mil),  
50 - 100 mm / 1.97 - 3.94 in (res. 0.127 mm / 5 mil)

#### Communication specifications

Available interfaces: USB

#### Identification

Supported barcode symbologies (1D): JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code 128, IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Korean Postal Authority code, Matrix 2of5, MSI/Plessey-UK/Plessey, RSS, S-Code, Telepen, Tri-Optic

#### Functionality

Memory FlashROM: 512 kB (Program storage + >1000 barcodes + time stamp)  
Memory RAM: 64 kB  
Microprocessor: ARM7, 32 bits  
Real time clock: Quartz RTC, time and date programmable, leap year handling, (accuracy +/- 60 sec./month)  
Keyboard: 1 scan button, 1 clear button  
O/S: proprietary

#### Environmental specifications

Temperature in operation: -10 to 40 °C / 14 to 104 °F  
Temperature in storage: -20 to 60 °C / -4 to 140 °F  
Ambient fluorescent light rejection: 4,000 lx max.  
Ambient white light rejection: 4,000 lx max.  
Ambient direct sun light rejection: 80,000 lx max.

#### Physical specifications

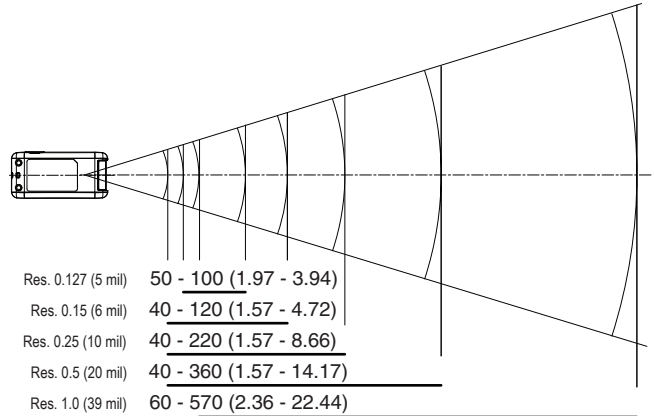
Dimensions: 30 x 62 x 16 mm / 1.18 x 2.44 x 0.63 in  
Weight body: Ca. 28 g / 1 oz

#### Regulatory

Laser safety class: JIS-C-6802 Class 1, IEC 60825-1 Class 1, FDA CDRH Class I  
Product compliance: CE, FCC, VCCI, RoHS

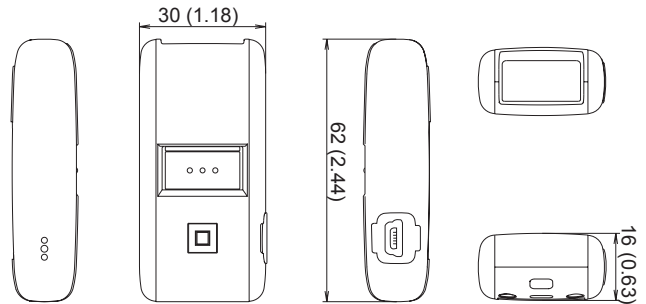
#### Depth of field

Unit: mm (in)



#### Dimensions

unit: mm (in)





## About BarcodesInc

### Who We Are

BarcodesInc is North America's leading provider of barcode and mobile computing solutions. We are a leading provider of barcode and mobile computing solutions. We are a leading provider of barcode and mobile computing solutions.

### We Owe Our Success To You

Our success is due to the support and partnership of our customers. We are a leading provider of barcode and mobile computing solutions. We are a leading provider of barcode and mobile computing solutions.

## Why Choose BarcodesInc?

### Dedicated Account A UbU Yf

Our Account Managers will not compromise when it comes to providing you top-notch service. Your Account Manager is the primary point of contact for your business and makes it a priority to get to know you, your company and all your needs.

### Highly-Trained Technical Support

Our technical staff has the broadest knowledge and every significant certification in the industry. One of our friendly experts is always available to suggest products and solutions for any situation.

### Incredible Value

Our purchasing power means big savings for you. Whatever your project, our team will work hard to deliver a solution that fits your budget.

### Largest Inventory in the Industry and Same-Day Shipping

Whatever your barcoding, mobile computing, or printing needs, we will fill your order and ship it the same day.

### Premier Access to Top Manufacturers

BarcodesInc maintains strong strategic partnerships with the leading manufacturers in barcoding, mobile computing, printing and RFID.

### Responsive Customer Service

Every phone call and email is responded to promptly, completely and accurately by our customer service team.

### Easy Returns

Damaged, defective or incorrectly ordered goods may be returned without hassle.

## BRANDS



AND MORE