

OPTICON

OPN2000 Series

Beyond Small. It's Supreme.



Ideal tool for:

- ✓ Healthcare
- ✓ Market Research
- ✓ Electronic Ordering
- ✓ Real-time Reporting



Scan



Communicate

OPTICON

OPN2000 SERIES

POCKET MEMORY SCANNER



OPN2000 Series

Beyond Smart. *It's Supreme.*

GET SELF-CONTROL



+ CLEAR BUTTON

Barcodes can be removed with the clear button.

+ SCAN BUTTON

The scan button scans and decodes a barcode.

+ LED INDICATOR

The status LED indicates users to the status of the scanning operation.

+ USB CONNECTOR

The USB interface connects to all USB devices. It is also used to charge the internal battery.

+ LASER ENGINE

The laser beam provides fast barcode scanning.

OPN2001

The OPN2001 is equipped with a USB interface for battery charging. Moreover, captured data can easily be transferred to a host computer.

OPN2002

Apart from a USB interface, the OPN2002 is additionally equipped with Bluetooth for wireless connection and real-time communication. Multiple memory scanners can be charged simultaneously in the dedicated 10-bay cradle. The cradles can also be used for wired communication to the PC.



“Provide
transparency | and optimize
productivity”

Scan



SMALL & LIGHTWEIGHT

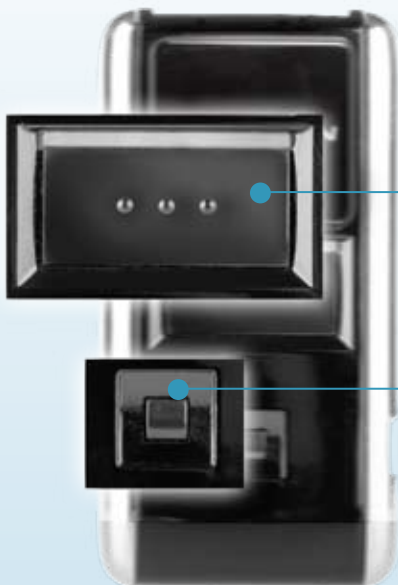
Full function does not require large dimensions. The OPN2000 series can be held between two fingers, weighs no more than 30 grams and can be taken everywhere.

EASY COLLECTION

This high performance laser scanner is easy in use. 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 the memory.

+ STORAGE

The OPN2000 series can store over 10.000 barcodes.



+ SCAN BARCODES

Add barcode items to memory.

+ CLEAR BARCODES

Delete barcode data from memory.

DATA TRANSFER TO THE HOST

+ TRANSFER BY USB

supported by all OPN2000 models

Transfer the scanned barcode data to your PC.

+ TRANSFER BY BLUETOOTH

supported by the OPN2002

Use the Bluetooth manager on your PC to connect the scanner and transfer the scanned barcode data.

+ TRANSFER BY MULTI CRADLE

supported by the OPN2002

The data on multiple OPN2002's can be transferred to the PC by RS232 or USB interface when they are placed in the cradle.

CHARGING

It takes about 2.5 hours to completely charge the empty battery of an OPN2000 model.

+ OPN2001

Use the dedicated USB cable to charge the OPN2001.



+ OPN2002

Charge the OPN2002 by placing the scanner in the dedicated 10-bay cradle, or use the dedicated USB cable for charging.



VERSATILE DATA COLLECTION

The OPTICON product range does also contain data collectors with several navigation and control options. They support an extended variety in communication features. For more details refer to the separate documentation of the Data Collectors.



✓ Healthcare



Applications

- Home care registration
- Activity reporting
- Facility tracking

With this series of pocket memory scanners, Opticon offers the smallest scanner in the market, especially suitable for the healthcare branch. Because of the simple 2-button way of working, this device is the ideal registration tool for the care providing staff. With the OPN2000 series it is possible to create an efficient administration report of the care for a patient or client. This report can be sent and uploaded to the host system. Improve efficiency and enable employees to maintain a high quality of care!

✓ Market Research



Applications

- Article registration
- Creating shopping reports
- Price capturing

In order to understand purchase behavior and shopping patterns, market research organizations equip their consumer panels with small scanners. This is a user-friendly and easy to implement way. It gives marketers a valuable insight into consumer shopping behavior. After scanning the barcodes on products, a cable can simply be connected to a computer, transferring the barcode data to the research organizations by internet.

✓ Electronic Ordering



Applications

- Accurate ordering
- Electronic item capturing
- Inventory keeping

Trade enterprises are trying to improve and fasten the ordering system for their customers. Many order on a regular basis. Online ordering keeps customers from running out of stock. With the OPN2000 series customers can easily scan the barcode on the (almost) empty boxes in their own warehouse with a simple push on the button. The mobile devices can be taken through the entire warehouse.

✓ Real-time Reporting



Applications

- Wireless data transfer
- Connection to Bluetooth devices
- Real-time tracking

Use the benefits of Bluetooth for real-time server connection and belt printer options. Wireless connectivity to near-by stations increases the management options. Location-based registrations can be monitored continuously from a central server and the inside enterprise activities can be updated any time.

+ Basic Product Specifications

Physical Specifications

External Dimensions

| | |
|----------------|---|
| OPN2001 | 30 x 62 x 16 mm / 1.18 x 2.44 x 0.63 in |
| OPN2002 | 32 x 62 x 16 mm / 1.26 x 2.44 x 0.63 in |

Weight

| | |
|----------------|-------------------|
| OPN2001 | Ca. 28 g / 1.0 oz |
| OPN2002 | Ca. 29 g / 1.0 oz |

Operation Specifications

| | |
|-----|---------------|
| OS | Proprietary |
| CPU | ARM7, 32 bits |

Connectivity

| | |
|----------------|----------------|
| OPN2001 | USB |
| OPN2002 | USB, Bluetooth |

Memory

| | |
|----------------|--------|
| FlashROM | |
| OPN2001 | 512 kB |
| OPN2002 | 1 MB |
| RAM | |
| OPN2001 | 64 kB |
| OPN2002 | 1 MB |

Power Supply

| | |
|-----------------------|--|
| Main battery pack | Lithium-Ion rechargeable (3.7 V DC, 150 mAh) operating time: 7 hrs. |
| Battery charging time | Ca. 2.5 hrs. |

Operating keys

| | |
|---------|-------------------------------|
| Buttons | 1 scan button, 1 clear button |
|---------|-------------------------------|

Barcode Scanner

| | |
|------------------------------|---|
| Light source | Visible laser diode |
| Wavelength/light Output | 650 nm |
| Supported Symbolologies (1D) | JAN/UPC/EAN (WPC) incl. add on, Chinese Post, Codabar/NW-7, Code 11, Code 39, Code 93, Code128, IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMNISSN, Korean Postal Authority code, Matrix 2of5, MSI/Plessey-UK/Plessey, RSS, S-Code, Telepen, Tri-Optic Supported 2D symbolologies MicroPDF417, PDF417 |

Enclosed

Neck strap
USB charging and communication cable



Options for OPN2002 (sold separately)

10-bay charging and communication cradle

CRD2000-U10: USB connection

CRD2000-RU10: RS232 and USB connection



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- **The Netherlands:** Hoofddorp
- **France:** ISSY Les Moulineaux CEDEX
- **Germany:** Dietzenbach
- **Italy:** Castel Maggiore (BO)
- **Spain:** Valencia
- **Sweden:** Järfälla
- **United Kingdom:** Luton, Bedfordshire
- **U.S.A.:** Orangeburg, NY - Seattle, WA
- **Japan:** Warabi City

- **Taiwan:** Taipei
- **P.R.China:** Shanghai
- **Australia:** Kariang

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