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Opticon OPN-2006, Laser data collector, Bluetooth

The OPN-2006, part of the OPN-2000 series is a Bluetooth companion scanner. Remarkable features of this device are its outstanding specifications which include the use of Bluetooth 3.0, a high-performance 1D scan engine and low power consumption during operation.

Scanned barcodes are transmitted real-time to any host device which supports Bluetooth HID or SPP (including Android, Apple, Blackberry or Windows Mobile). Like all other data collectors of the Opticon OPN-series the OPN-2006 is small sized and light weight.



The device enables each organization to integrate barcode companion scanning in a simple and efficient way into various mobile applications, including sales and service, retail point-of-sale (POS), inventory management, asset tracking, visitor registration and inventory.

We offer as well the [charging and communication units Dokki](#) for data collectors Opticon OPN-2001, OPN-2005, OPN-2006.

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Technical Description

Functionality & Operation

Indicators	LED(red/green/orange), buzzer
Communication interface	Bluetooth ver. 3.0, SPP, HID, USB
1D Barcode Symbolologies	All standard one-dimension barcodes
Memory	512Kb
Postal Codes	China, Korea
Data retention	72hod

Optical

Light source	visible red LED 650 nm
Depth of scan field	50-570 mm
Scanning rate	100scan/s

Electrical

Main battery pack	Rechargeable Li-Ion battery 240 mAh, 3,7V
Battery charging time	2hod

Mechanical

Dimensions	Width: 32mm, Height: 62mm, Length: 16mm
Weight	29g including battery
Body housing	ABS plastic

Environment

Operating temperature	0 to 40°C
Storage temperature	-20 to 60°C
Shock resistance	multiply drops from 1,5 m onto concrete surface
Storage humidity (non-condensing)	20 to 85%
Operating humidity (non-condensing)	20 to 85%
Ingress protection	IP42
Vibrations resistance	10-100 Hz with 2G for 30 min

Others

Certifications	CE, FCC, RoHS, VCCI
Warranty	1 year

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