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

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

Optical

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

Electrical

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

Mechanical

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

Environment

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

Others

Certifications	CE, FCC, RoHS, VCCI
Warranty	1 year