

≡ OPTICON

RS-2006, ring scanner, BT, laser

Opticon expands its family of companion Bluetooth barcode scanners by introducing the RS-2006, a small, lightweight and most importantly, hands-free Bluetooth ring scanner. The RS-2006 enables transportation, logistics, warehousing, manufacturing and retail organizations to easily and quickly integrate hands-free barcode scanning into various applications including receiving, put-away, picking (including voice picking), sorting, loading, replenishment, inventory management, parts tracking and shipping.

The RS-2006 kit is designed for left and right-handed use and consists of a Opticon RS-2006 Bluetooth barcode scanner integrated into an ergonomic holder that features an adjustable finger strap. Should the need arise, the RS-2006 scanner can easily be disconnected from the strap and used stand-alone. Due to its lightweight and small size (the industry's smallest), the RS-2006 ring scanner is comfortable for all day use allowing your mobile workforce to quickly and safely scan barcodes... all while keeping both hands free. The RS-2006 product highlights include. The RS-2006 is a ring scanner that fits perfectly around the finger, with the trigger button in reach of the thumb so only a single finger is needed to activate the scanner. The RS-2006 is put around your finger using the adjustable strap, making sure that your thumb can reach the trigger button.



Keys features Opticon RS-2006:

- Smallest and lightest ring barcode scanner in the market. (~1.5 oz. including battery, holder and strap)
- Trigger button placed just right to be pressed by your thumb
- Price point makes real-time barcode scanning with an Android, iOS or Windows host devices affordable
- Simple Bluetooth pairing and hands-free barcode scanning
- Supports Bluetooth 4.0 and HID and SPP Bluetooth profiles for added flexibility
- Ready-to-go out of the box, just pair it with your device
- High speed 100 scans/second laser barcode scanner
- Free SDK allows customized scanning behavior
- Durable: IP42 rating against dust and moisture, survives multiple 5' drops to concrete
- USB rechargeable, high capacity Lithium-Ion battery
- Two years warranty

Unboxing and pairing with Android Devices:

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Technical Description

Functionality & Operation

CPU Type	32-bit RISC
Memory	512 kb RAM, Flash 1 MB
Operating system	proprietary
Communication interface	USB, Bluetooth 4.0
1D Barcode Symbologies	All standard one-dimension barcodes

Optical

Bar code scanner	Laser
Light source	visible red LED 650 nm
Scanning rate	100scan/s

Electrical

Main battery pack	Rechargeable Li-Ion battery 240 mAh, 3,7V
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Mechanical

Color	black
Body housing	ABS plastic
Weight	42g
Dimensions	Width: 54mm, Height: 45mm Length: 62mm

Environment

Operating temperature	0 to 40°C
Storage temperature	-20 to 60°C
Shock resistance	drop from 1,5 m onto concrete surface
Operating humidity (non-condensing)	20 to 85%
Maximal ambient light	4000lux
Ingress protection	IP42
Vibrations resistance	10-100 Hz with 2G for 30 min
Storage humidity (non-condensing)	20 to 85%

Others

Certifications	CE, FCC, RoHS, JIS-C-6802 Class 2, IEC 60825-1: Class 2
Warranty	1 year

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