WR30 Wearable Ring Scanner, 2D codes, wrist type, Bluetooth

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With NFC, simply tap the WR30 and pair it with NFC-enabled CipherLab devices in a second. Also, this lightweight and ergonomic Bluetooth v5.3 wearable scanning solution supporting BLE guarantees fast and stable wireless connectivity with Bluetooth-enabled devices*, including smartphones, tablets and PCs.

Featuring its advanced scanning performance and wide field of view, the WR30 captures 1D or 2D barcodes in milliseconds from close-contact ranges to up to 14M, making it ideal for fast and accurate data capture on all demanding applications. In a warehouse distribution or fulfillment center, every minute counts.

Its powerful 600 mAh battery, which is also easy to remove and replace, guarantees the WR30 lasts up to 8 hours for full-shift operations. Combining the versatile charging options with a multi-slot battery charger and USB Type-C cables ensures no-interruption workflows and protects productivity.

Main features of the CipherLab WR30 Wearable Scanner

- Rugged design for any industrial applications - IP65 grade water/dust resistance, withstands drops from 1.8 meter
- Easy and instant pairing with NFC and Bluetooth-enabled devices
- Uncompromising scanning performance for versatile demanding applications
- 8 hours full shift operation after battery charge

Fields of application

- Warehousing and Distribution Center
- Transportation and Logistics
- Manufacturing
- Retail

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Technical Description

Functionality & Operation

Wireless communication	Bluetooth® 5.3 (BLE)
Communication interface	Bluetooth 5.3 BLE, USB
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	all standard 2D-Codes
Indicators	Buzzer / LED / Vibration

Optical

Bar code scanner	2D Imager (SE4770)
Depth of scan field	2.8 cm ~ 91.7 cm

Electrical

Main battery pack operating time	600mAh (8 hours)

Mechanical

Dimensions	Width: 31.8mm, Height: 62.8mm Length: 17.3mm
Weight	59g (with battery)

Environment

Shock resistance	drop from 1,8 m on to concrete surface, 1000 tumbles at 50 cm
Ingress protection	IP65
Operating temperature	-20 to 50°C
Operating humidity (non-condensing)	10 to 90%
Storage temperature	-40 to 70°C
Storage humidity (non-condensing)	5 to 95%
Electrical static discharge	±10kV contact, ±20kV air