

# M3 Ring Scanner WR10

Durable ring scanner with a lightweight and sophisticated design



- Zero-Second Boot
- Lightweight
- 1000mAh High-Capacity Battery
- 2D Scanner / Smart Focus
- Magnetic One-Touch Battery

The latest ring scanner from M3 is designed with a modern and sophisticated aesthetic. The larger battery capacity and lighter weight enhance convenience when compared to products from other manufacturers. The finger button provides a perfect fit and allows for easy use with the magnetic one-touch feature during battery replacement. Additionally, it offers instant usability through the zero-second booting function. The M3 ring scanner is a versatile device that supports 2D scanning and Smart Focus scanning, making it a recommended choice with its combination of sleek design and innovative technology.

## Excellent scanning performance

The M3 Mobile ring scanner delves deeper into the essence of scanning when compared to other products. It offers a versatile multi-player experience with the option to choose between an 2D scanner equipped with an excellent scanning engine and an all-encompassing Smart Focus scanner that allows for scanning freely within a range of 5.6cm to 12.2m.

## Fast and easy operation for convenient use

Because of the magnetic one-touch battery design, the ring scanner allows for extremely convenient detachment and attachment of the battery. Moreover, after attaching the battery, it is immediately usable with zero-second booting. The symmetrical design of the finger button and holder ensures perfect functionality for both left and right hands. Additionally, the lightweight design enables users to work comfortably for extended periods.

## Large-capacity battery

The M3 Mobile ring scanner, in comparison to products from other brands, features a 20% to 30% larger battery while maintaining a lightweight design, enabling comfortable operation for extended periods. Additionally, its low-power design with Bluetooth 5.2 ensures a longer operational time.

## Collection of smart technologies

The ring scanner is equipped with various smart features, ranging from automatically notifying users about battery replacement reminders to efficient and secure management with smart batteries. It also includes smart charging capabilities. Additionally, it features technologies like Tap2Pair and Scan2Pair for convenient use, enhancing the overall user experience with added comfort and smart functionality.

# Specification

Physical Characteristics		Data Capture	
Dimensions	70.7 x 33 x 22.1mm	Scanning	2D Imager (SE4107, SE5500)
Weight	70g (Battery + Finger trigger)	Optical Resolution	SE4107: 1280 x 960 pixels / SE5500: 2688 x 1520 pixels
Network Connections	WPAN(BLE)	Skew, Pitch & Roll	Skew tolerance: 60 / Pitch tolerance: 60 / Roll tolerance: 360
Notification	3 RGB LEDs located, Beeper, Vibrator	Aiming Element	SE4107: 610nm LED / SE5500: 515nm Laser
Buttons	Paring, Scanner Button	FOV	SE4107: Horizontal: 44.5, Vertical: 33.5 SE5500: Horizontal: 37, Vertical: 21.4
Paring	NFC Tap to pair, Scan to pair	NFC	HF(13.56MHz)
Scan Triggering	Manual ambidextrous trigger	Wireless PAN	
Performance Characteristics		Bluetooth	Bluetooth BLE V5.2
Power	1000mAh Standard	Regulatory	
User Environment		KC CE EAC	
Operating Temp.	-20°C to 50°C (-4°F to 122°F)	Environmental Compliance	
Storage Temp.	-40°C to 70°C (-40°F to 158°F)	RoHS Directive 2011/65/EU	
Humidity	5% to 90% (non-condensing)		
Drop Specifications	tumble 1,000 /1.8 m drops		
Sealing	IP65		
Vibration	Sine 5-2000Hz, 4g peak, 1hour per axis; Random 20-2000Hz, 6g RMS or 0.04g2/Hz, 1 hour per axis		
Electrostatic Discharge (ESD)	15kVdc air discharge; 8kVdc contact discharge		

## Accessories

(Appearance can be changed.)



**Neck Strap**  
WR10-STRP-N01



**Ring Trigger**  
WR10-TRIG-S00



**3-Slot Battery Charger**  
WR10-03BC-U00



**8-Slot Battery Charger**  
WR10-08BC-U00



**32-Slot Battery Charger**  
WR10-32BC-U00

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