



# AsReader® GUN Type

Long Range

ASR-R250G

## Easy Connect

Whenever you need it,  
place your Smart Device on it  
and go!

There is no awkward “pairing”  
like with Bluetooth,  
just connect and go!

\* The Smart Phone and Reader begin  
communicating the moment  
they connect.



Reads tags more than 32 feet (10m)  
away, depending on the tags.

Long Range –Long Range Reading–

Able to communicate at very long distances

\*1 Watt and 250mW versions are available  
with varying reading distances

## Magconn

The Magconn connection allows  
both charging and data transfer.



# iOS / Android

Compatible with most devices including iPhones, iPads, Android phones, tablets, and more.

\*There are some incompatible devices.



## Barcode/RFID(UHF)

This is a "Combo" device including both a 1D/2D Barcode Scanner and a UHF RFID Reader/Writer.

1D and 2D Barcodes are read with an advanced 2D CMOS engine. The RFID antenna is linear.

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## Pinpoint Tag Locations

Instantly see the distance and direction to the tag with great precision.

- AsTagFinder displays the horizontal/vertical directions and distance.
- Until now it has been difficult to find tags at long-distance with conventional tag search technology. AsTagFinder will pinpoint and not lose the direction or distance of the tag, even when at maximum range.

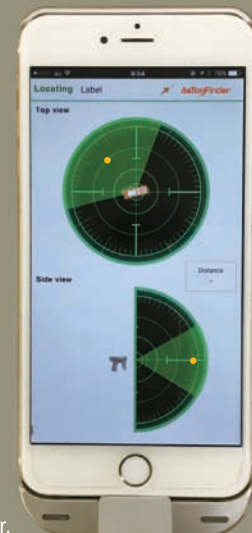
This program can also search for several tags at once.

# AsTagFinder

App for Locating Tags



This proprietary technology was developed jointly with our partner.



\*Details may change without notice.

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# AsReader (ASR-R250G) Product Data

Model Name		ASR-R250G	
RFID	Spec	ISO/IEC 18000-63 (Previously known as ISO/IEC 18000-6 Type-C, EPCglobal Class 1 Gen2)	
	Bandwidth	902 - 928Mhz / 865 - 868Mhz	
	Output power	1W (30dBm)	
	Reading distance	0 to 32 ft. (0 to 10m) or more ※1	
	Polarization characteristics	Linear	
	Function	Read / Write / Lock / Delete	
Barcode (Optional) ※2	Scan Engine	CMOS Sensor	
	Reading range	Barcode density	Distance from scanner
		100% U.P.C.	46 - 419 mm (1.8 - 16.5")
		5 mil Code 39	64 - 163 mm (2.5 - 6.5")
		10 mil Code 39	28 - 338 mm (1.1 - 13.3")
		6.7 mil PDF417	46 - 185 mm (1.8 - 7.3")
		10 mil Data Matrix	53 - 203 mm (2.1 - 8.0")
	Reading width	42.4° (horizontal) , 33° (vertical)	
	Reading angle	Pitch: ±45° Roll: 360° Skew motion: ±60° ※2	
	Reading code	■1D: UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post ■2D Stacked: PDF417, MicroPDF417, GS1 Composite ■2D Matrix: Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code ■Postal: Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code ■OCR Option: OCR-A, OCR-B, E13B (MICR)	
	Light sources	Illumination: White LED, Aiming: Red Laser (Class 2)	
Power Source	Battery Capacity	Rechargeable lithium-ion battery 2600mAh	
	Continuous operation time	■Barcode Every 10 sec: about 17 hours (about 6,000 times) Every 5 sec: about 13 hours (about 9,000 times)	
	Power Source	Magconn ※4, MicroUSB	
	Charging time	About 4 hours (Built-in battery) ※5	
Key input		Trigger, Mode, Power, Reset	
Communication	Interface	USB	
	Dimensions (W) x (D) x (H)	1.75" x 6.89" x 6.04" (48.0 x 174.95 x 153.5mm)	
Appearance	Weight (with Battery)	11.2 oz (320g)	
	Material	PC	
	Casing color	White/Gray	
	LED	Switch ON (Blue) /Reading (Blue blinking) /Charging (Red) /Charge complete (Red blinking to no light)	
Environment	Operating environment	32° ~ 95° F (0° ~ 35° C)	
	Charge environment	32° ~ 113° F (0° ~ 45° C)	
	Storage environment	-4° ~ 140° F (-20° ~ 60° C)	
	IP Rating	IP54 compliance	
	Anti-drop	(All 6-sides, twice each) 4 ft. (1.2m) ※6	
Certificates		TELEC/FCC/CE/PSE	
Bundled items		microUSB cable Manual	

※1 This may depend on the tag or enviroment.

※2 The Barcode scanner module is optional.

※3 This may depend on the barcode type.

※4 An AC adapter with an ouptput of 5V 2A is strongly recommended for the Magconn cable.

※5 The battery in the reader is charged first and then the connected smart device is charged next.

※6 Reader only. Not including smartphone



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