AsReader®

Scan Barcode and NFC/HF RFID with iPhone®/iPad®

Barcode — Compatible with 1D and 2D barcodes. Laser crosshairs help you scan the target barcode easily and correctly.

NFC / HF — HF RFID supports major types of NFC, including type-A,

Magconn — Magconn is an innovative magnetic charging system. Connecting with a Magconn magnetic cable or dock can charge the AsReader and iOS device simultaneously.

Case — Hybrid case supports most iOS devices, from the iPhone® 5 to 7 Plus, iPod touch®, iPad® Air2, and more.

	Model Name	ASR-0240D	
RFID	Bandwidth	13.56MHz	
	Communication type	ISO14443-3 type A/B, ISO18092, ISO15693	
	Compatibility	Felica	RC-S860 / RC-S888
		ISO14443A	Mifare Ultralight / Desfire
		ISO15693	ICODE SLI / Tag-it
	Reading distance(Card size) *1	Felica(S888)	10mm
		Mifare Standard	20mm
		ICODE SLI	40mm
Barcode	Scan Engine	CMOS sensor	
	Reading range	Minimum Resolution	Distance from the scanner
		100% U.P.C.	46 mm – 419 mm 64 mm - 163 mm
		5 mil Code 39 10 mil Code 39	28 mm – 338 mm 46 mm - 185 mm
		6.7 mil PDF417 10 mil Data Matrix	53 mm – 203 mm
	Reading width	42.4° (horizontal), 33° (vertical)	
	Reading angle	Pitch:±45° Roll: 360° Skew motion: ±60° *2	
	Readable 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 1100mAh	
	Continuous operation time	RFID 50,000 times, Barcode 40,000 times *3	
	Power Source	Magconn *4、MicroUSB	
	Charging time	About 3.5 hours (Built-in battery only)	
Key input		2 triggers and 1 function button (reset, switch Barcode/RFID)	
Communication	Interface	MFi on Lightning *5	
Appearance	Dimensions (W)x(D)x(H)	64.0 × 16.8 × 117.3 mm *6	
	Weight(with Battery)	98g	
	Material	PC	
	Casing color	White	
	LED	Connected (Blue) Reading (Blue blinking) Charging (Red) Charge complete (Red blinking to no light)	
Environment	Operation environment	-10~45 ˚C, 20~85 % RH (Charge at 0 ˚C or more)	
	Storage environment	-20~60 ˚C, 10~95 % RH	
	IP Rating	IP54	
	Anti-drop	(Six-sided * 4 edge, once each) 1.5m/ 5 feet *7	
Certificates		Apple MFi(Applying), TELEC, FCC, CE	
Requirments	Devices	iPhone 7/7 Plus/6/6 Plus/6s/6s Plus/5/5S/SE, iPod touch 5/6 gen, iPad mini 1/2/3/4, iPad Air 1/2, & iPad Air Pro 9.7 *8	
	OS	iOS 9.3 or later	
Bundled items		Magconn cable, Earphone extension cable, Manual	

*1 This may depend on the tag.
*2 This may depend on the barcode type.
*3 The number of times is measured with beep and vibration.
*4 iPhone's standard 1Amp AC Adapter is recommended.
*5 SDK is provided to connect via Lightning Connector.
*6 Excluding the diagonal protrusion
*7 iPhone screen could break, depending on the drop angle.
*8 compatible case is required.

aim MEMBER

RAIN RFID MEMBER

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