

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. 5 mil Code 39 10 mil Code 39 6.7 mil PDF417 10 mil Data Matrix	46 mm – 419 mm 64 mm - 163 mm 28 mm – 338 mm 46 mm - 185 mm 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/5SE, 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.

For more information:
 web: <http://www.asreader.com>
 email: sales@asreader.com



tel.+81-50-5536-1185
 fax.+81-6-6886-1114
 Shin-osaka Dainichi Bldg.201,5-6-16,
 Nishinakajima,Yodogawa-ku
 Osaka-city,Osaka,Japan 532-0011



tel +1 (949) 438-7577
 fax +1 (949) 438-7570
 14451 Chambers Road, Suite 2150
 Tustin, CA 92780-6976 USA