



## ASR-0240D (Barcode and HF RFID)



Model Name		ASR-0240D																
RFID	Bandwidth	13.56MHz																
	Communication methods	ISO14443-3 Type A/B, ISO18092, ISO15693																
	Compatible cards	Felica: RC-S860 / RC-S888 ISO14443A: Mifare Ultralight / Desfire ISO15693: I-CODE SLI / Tag-it																
	Reading distance (card size) (*1)	Felica(S888): 10mm / Mifare Standard: 20mm / I-CODE SLI: 40mm																
Barcode	Reading method	CMOS Sensor																
	Readable range	<table border="0"> <tr> <td>■ Barcode density</td> <td>■ Reading distance from tip of scanner</td> <td>■ Barcode density</td> <td>■ Reading distance from tip of scanner</td> </tr> <tr> <td>100% U.P.C.</td> <td>: 46 mm – 419 mm</td> <td>PDF417</td> <td>- 6.7 mil : 46 mm – 185 mm</td> </tr> <tr> <td>CODE 39 - 5 mil</td> <td>: 64 mm – 163 mm</td> <td>Data Matrix - 10 mil</td> <td>: 53 mm – 203 mm</td> </tr> <tr> <td>CODE 39 - 10 mil</td> <td>: 28 mm – 338 mm</td> <td></td> <td></td> </tr> </table>	■ Barcode density	■ Reading distance from tip of scanner	■ Barcode density	■ Reading distance from tip of scanner	100% U.P.C.	: 46 mm – 419 mm	PDF417	- 6.7 mil : 46 mm – 185 mm	CODE 39 - 5 mil	: 64 mm – 163 mm	Data Matrix - 10 mil	: 53 mm – 203 mm	CODE 39 - 10 mil	: 28 mm – 338 mm		
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Reading width	42.4° (horizontal), 33° (vertical)																	
Reading angle	Pitch: ±45° Roll: 360° Skew: ±60° (*2)																	
Readable barcodes	<ul style="list-style-type: none"> <li>■ 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</li> <li>■ 2D Stacked: PDF417, MicroPDF417, GS1 Composite</li> <li>■ 2D Matrix: Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code</li> <li>■ Postal: Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code</li> <li>■ OCR Option: OCR-A, OCR-B, E13B (MICR)</li> </ul>																	
Light source	Illumination: White LED. Aiming: Red Laser Light (Class 2)																	
Power source	Battery capacity	Built-in rechargeable lithium-ion battery (1100mAh)																
	Number of scans	RFID about 34,000, Barcode about 40,000 (*3)																
	Charging method	Magconn™ (*4) and MicroUSB																
	Charging time	About 3.5 hours (built-in battery)																
Key input	2 trigger key, 1 function button (reset, barcode/RFID switch)																	
Communication	Interface	MFi on Lightning® (*5)																
Appearance	Dimensions (L)x(W)x(H)	64.0 * 16.8 * 117.3 mm (2.52 * 0.66 * 4.62 inch) (*6)																
	Weight (with battery)	109g																
	Materials	PC																
	Casing color	White																
Environment	LED display	Blue LED: Connected with device / Blinking Blue LED: Reading / Red LED: Battery is charging / Faint Red LED or LED is OFF: Battery is fully charged																
	Operating temperature	-10~45 C, 20~85 % RH (Charge at 0 C or more, however)																
	Storage temperature	-20~60 °C, 10~95 % RH																
	IP Rating	IP54 compliant																
Certificates	Anti-drop	(Six-sided * 4 edge, once each) 1.5m (5.91 inch) (*7)																
		Apple MFi / FCC / CE / RoHS																
Bundled items		Magnetic charging cable / User manual																

※1 Differs per IC tag type and operating circumstances. ※2 Differs per barcode type.  
 ※3 Number of times when the BEEP sound and vibration are set to ON.  
 ※4 Standard iPhone® 1A charger is strongly recommend to be used when using Magconn™ cable.  
 ※5 A specialised SDK for communication via Lightning is available for download.  
 ※6 Excluding protrusions ※7 Depending on the drop angle, the iPhone® screen may break.  
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