



ASR-020D (2D Barcode Scanner)



Model Name		ASR-020D																				
Barcode	Reading method	2D CMOS																				
	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>CODE39 - 4mil : 9 ~ 22cm</td> <td></td> <td>Datamatrix - 10mil : 8 ~ 25cm</td> <td></td> </tr> <tr> <td>CODE128 - 5mil : 8 ~ 20cm</td> <td></td> <td>100% UPCA : 5 ~ 65cm</td> <td></td> </tr> <tr> <td>CODE39 - 5mil : 6 ~ 34cm</td> <td></td> <td>Code39 -20mil : 6 ~ 76cm</td> <td></td> </tr> <tr> <td>PDF417 - 5mil : 8 ~ 21cm</td> <td></td> <td></td> <td></td> </tr> </table>	■Barcode density	■Reading distance from tip of scanner	■Barcode density	■Reading distance from tip of scanner	CODE39 - 4mil : 9 ~ 22cm		Datamatrix - 10mil : 8 ~ 25cm		CODE128 - 5mil : 8 ~ 20cm		100% UPCA : 5 ~ 65cm		CODE39 - 5mil : 6 ~ 34cm		Code39 -20mil : 6 ~ 76cm		PDF417 - 5mil : 8 ~ 21cm			
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Reading width	40° (horizontal), 26° (vertical)																					
Reading angle	Pitch: ±60° Roll: 360° Skew: ±60° (*1)																					
Readable barcodes	<table border="0"> <tr> <td>■1D:JAN, UPC/EAN, CODE11, CODE39, CODE93, CODE128, ITF(INTERLEAVED 2of5), DISCRETE 2of5, CHINESE 2of5, MATRIX 2of5, CODEBAR(NW-7), MSI, GS1 DATABAR OMNIDIRECTIONAL, GS1DATABAR LIMITED, GS1DATABAR EXPENDED</td> </tr> <tr> <td>■2D: PDF417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec, RSS, Composite, TLC-39, MaxiCode</td> </tr> <tr> <td>Postal: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)</td> </tr> </table>	■1D:JAN, UPC/EAN, CODE11, CODE39, CODE93, CODE128, ITF(INTERLEAVED 2of5), DISCRETE 2of5, CHINESE 2of5, MATRIX 2of5, CODEBAR(NW-7), MSI, GS1 DATABAR OMNIDIRECTIONAL, GS1DATABAR LIMITED, GS1DATABAR EXPENDED	■2D: PDF417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec, RSS, Composite, TLC-39, MaxiCode	Postal: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)																		
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Light source	Red LED																					
Power source	Battery capacity	Built-in rechargeable lithium-ion battery (700mAh)																				
	Number of scans	About 34,000 (*2)																				
	Charging method	Magconn™ cable (*3)																				
	Charging time	About 2 hours (built-in battery) (*4)																				
Key input	2 trigger key																					
Communication	Interface																					
Appearance	Dimensions (W)x(D)x(H)	63.65 * 9.7 * 117.19 mm (2.51 * 0.38 * 4.61 inch) (*6)																				
	Weight (with battery)	About 70g																				
	Material	PC																				
	Casing color	White																				
	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																				
Environment	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	IP52 compliant																				
	Anti-drop	(Six-sided * 4 edge, once each) 1.5 m (59.06 inch) (*7)																				
Certificate	Apple MFi / FCC / CE / RoHS																					
Bundled items	Magconn™ cable / Earphone extension cable / User manual																					

*1 Differs per barcode type. *2 Number of times when the BEEP sound, vibration and illumination are all set to ON. 4.5h continuous reading on iPhone's default brightness setting.

*3 Standard iPhone® 1A charger is strongly recommended to be used when using Magconn™ cable.

*4 iPhone® and AsReader® battery will be recharged simultaneously. iPhone® and AsReader® battery will be recharged in 3.5h and 2h respectively in simultaneous recharging mode.

*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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·AsReader® is a registered trademark of Asterisk Inc. ·All other trademarks are property of their respective owners.

<https://AsReader.com>

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