

AsReader (ASR-022D-V2) Product Data Sheet



ASR-022D-V2 (2D Barcode Scanner)



Model Name		ASR-022D-V2																
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° (*1)																	
Readable barcodes	<table border="0"> <tr> <td>■ 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</td> </tr> <tr> <td>■ 2D Stacked: PDF417, MicroPDF417, GS1 Composite</td> </tr> <tr> <td>■ 2D Matrix: Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code</td> </tr> <tr> <td>■ Postal: Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code</td> </tr> <tr> <td>■ OCR Option: OCR-A, OCR-B, E13B (MICR)</td> </tr> </table>	■ 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)												
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Light source	Illumination: White LED ; Aimer: Laser (Class 2)																	
Power source	Battery capacity	Built-in rechargeable lithium-ion battery (700mAh)																
	Number of scans	Approx. 34,000 (*2)																
	Charging method	Magnetic charging cable (*3)																
	Charging time	Approx. 2 hours (built-in battery)(*4)																
Key input	2 trigger key																	
Communication	Interface	MFi on Lightning® (*5)																
Appearance	Dimensions (W)x(D)x(H)	63.7 * 9.7 * 117.2 mm (2.51 * 0.38 * 4.61 inch) (*6)																
	Weight (with battery)	Approx. 70g																
	Material	PC																
	Casing color	White																
	LED display	Blue LED: Connected with device / Blinking Blue LED: Reading Red LED: Battery is being charged / Faint Red LED: 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	IP54 compliant																
	Anti-drop	(Six-sided * 4 edge, once each) 1.5 m (59.06 inch) (*7)																
Certificate	Apple MFi / FCC / CE / RoHS																	
Bundled items	Magnetic charging cable																	

※1 Varies depending on barcode type ※2 Number of times by using our demo app when the BEEP sound, vibration and illumination are all set to ON.
 ※3 Standard iPhone® 1A charger is recommended for the magnetic charging cable. ※4 iOS devices and AsReader battery will be recharged simultaneously.
 ※5 A specialised SDK for communication via Lightning is available for download.
 ※6 Excluding protrusions ※7 The iOS devices screen may break depending on the drop angle.
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<https://AsReader.com>