



AsReader for Android (ASR-A23D) 2D Image scanner



Model		ASR-A23D
Barcode	Scanning mode	2D Image Scanner
	Reading distance	<div> <div>Barcode density</div> <div>Distance to the front end of the device</div> </div> <div> <div>Barcode density</div> <div>Distance to the front end of the device</div> </div> <div> <div>Code39 - 5mil : 5.1 ~ 16.2cm</div> <div>Code128 - 5mil : 6.3 ~ 12.7cm</div> <div>PDF417 - 6.6mil : 6.3 ~ 16.0cm</div> <div>PDF417 - 10mil : 4.5 ~ 22.8cm</div> </div> <div> <div>100% UPC - 13mil : 5.0 ~ 31.7cm</div> <div>Code39 - 20mil : 5.0 ~ 49.5cm</div> <div>Data Matrix - 20mil : 3.8 ~ 34.3cm</div> <div>QR Code - 20mil : 3.8 ~ 27.9cm</div> </div>
	Scanning amplitude	42° (horizontal); 28° (vertical)
	Scanning angle	Pitch: ±60° Roll: 360° Skew: ±60° ※1
	Readable barcode type	<div> <div>1D: JAN, UPC/EAN, CODE11, CODE39, CODE93, CODE128, ITF (INTERLEAVED 2of5), DISCRETE 2of5, CHINESE 2of5, MATRIX 2of5, KOREAN 3of5, CODEBAR (NW-7), MSI, GS1 DATABAR OMNIDIRECTIONAL, GS1 DATABAR LIMITED, GS1 DATABAR EXPENDED</div> <div>2D: PDF417, MicroPDF417, Data Matrix, GS1 Data Matrix, QR Code, Micro QR Code, GS1 QR code, Aztec, Composite, Hanxin, Grid Matrix, MaxiCode</div> </div> <div>Postal: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), UPU FICS Postal, Mailmark</div>
	Light sources	Red light LED
Power supply	Battery capacity	Rechargeable lithium-ion batteries, 700mAh
	Uninterrupted scanning times	Approx. 27,000 times (Approx. 15 hours) ※2
	Charging method	Magnetic charging cable ※3
	Charging time	Approx. 2hrs (built-in battery) ※4
Key input		2 trigger buttons
Communication	Interface	USB OTG
	Dimensions (W)x(D)x(H)	2.52×0.39×4.69 inches (64×10×119 mm) ※5
Appearance	Weight (with battery)	70g
	Material	PC
	Case color	White
	Display LED	Battery level indicator
Environment	Working environment	14~113°F (-10~45°C), 20~85%RH (Charging requires 32~113°F (0°C~45°C))
	Storage environment	-4~140°F (-20~60°C), 10~95%RH
	IP rate	IP65 compliance
	Anti-drop	5 feet (1.5m) (Six-sides × 4 corners, one time each) ※6
Certifications		FCC/CE/RoHS
Accessories		Magnetic charging cable, OTG cable

※1 It depends on the type of barcode.

※2 Verification results from a dedicated application. Reader settings: Beep ON, Vibration ON, Aiming light illuminates only during reading, Reading once every 2 seconds.

※3 A 5V/2A output USB adapter is recommended for charging. (Not included in the package)

※4 When an Android phone is connected during charging, both the phone and AsReader will be charged simultaneously,

but the Android phone won't be able to communicate with the AsReader while being charged.

※5 Excluding protrusion. ※6 Limited to the body of AsReader.

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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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