



AsReader for Android (ASR-A24D) 2D



Model		ASR-A24D			
Barcode	Reading method	CMOS Sensor			
	Readable range ※1	Barcode density Code39 : 3mil Code128 : 5mil PDF417 : 5mil PDF 417 : 6.67mil Datamatrix : 10mil	Reading distance from tip of scanner 7.6cm ~ 14.7cm 5.8cm ~ 24.9cm 7.6cm ~ 20.1cm 6.3cm ~ 25.7cm 5.3cm ~ 27.8cm	Barcode density UPCA (100%) : 4.1cm ~ 63.2cm Code128 : 15mil 6.1cm ~ 70.6cm Code39 : 20mil 4.1cm ~ 91.7cm QR Code : 20mil 2.8cm ~ 44.5cm	Reading distance from tip of scanner 4.1cm ~ 63.2cm 6.1cm ~ 70.6cm 4.1cm ~ 91.7cm 2.8cm ~ 44.5cm
	Reading width	48° (horizontal), 30° (vertical)			
	Reading angle	Pitch: ±60° Roll: 360° Skew: ±60°			
	Readable barcodes	1D : JAN, UPC/EAN, CODE11, CODE39, CODE93, CODE128, ITF(INTERLEAVED 2of5), DISCRETE 2of5, CHINESE 2of5, MATRIX 2of5, CODEBAR(NW-7), MSI, GS1 DATABAR OMNIDIRECTIONAL, GS1 DATABAR LIMITED, GS1 DATABAR 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) OCR : OCR-A, OCR-B			
	Light source	Illumination: White LED ; Aimer: Laser (Class 2)			
Power	Battery capacity	Built-in rechargeable lithium-ion battery (1050mAh)			
	Number of scans	Approx.16,000 ※2			
	Charging method	Magnetic Gender ※3 USB Type-C (supporting USB PD, QC2.0/3.0 for Android phone) ※3			
	Charging time	Approx. 3.5 hours (AsReader only)			
Key input		2 trigger keys			
Communication	Interface	USB Type-C ※4			
Appearance	Dimensions (W)x(D)x(H)	65.1 x 11.6 x 120.3mm ※5			
	Weight	85g			
	Material	PC			
	Casing color	Black			
	LED Display	LED indicators: Blue LEDs light up when trigger buttons are pressed, indicating battery level. Flashing blue LED indicates an extremely low battery. Red LED lights up while device is charging and turns off when it's fully charged.			
Environment	Operating temperature	-10°C~45°C, 20~85 % RH (Charge at 0 C or more, however)			
	Storage temperature	-20°C~60°C, 45~85% RH (For one month) -20°C~45°C, 45~85% RH (For three months) 0°C~30°C, 45~85% (For one year)			
	IP Rating	IP65 compliant			
	Anti-drop	(Six-sided * 4 edge, once each) 1.5 m (59.06 inch)			
Certificate		FCC / CE / RoHS			

※1. The reading distance varies depending on the type and width of the barcode.
 ※2. Number of times when reading once per 5 seconds by using our demo app setting the beep sound, the illumination and the vibration all to ON. Charging method
 ※3. It is recommended to use a 5V3A USB charger to charge the AsReader using the Magnetic Gender. If using a USB PD compatible charger, the output must be 20W or less. Using a charger with a higher voltage may cause damage to the charger and AsReader.
 ※4. An SDK specifically for USB communication is provided.
 ※5. Excluding protrusions