

# AsReader (ASR-L251G-XX) Product Data Sheet



## ASR-L251G-XX (Barcode and UHF RFID)



Model Name		ASR-L251G-21	ASR-L251G-22	ASR-L251G-23	ASR-L251G-24	ASR-L251G-26	
RFID	Spec	ISO 18000-63 (Formerly known as: ISO 18000-6 Type C) / EPC Class1 Gen2					
	Region	Japan	Europe	North America	China	Brazil	
	Bandwidth	916-921Mhz	865-868Mhz	902-928Mhz	920.5-924.5Mhz	902-908, 915-928Mhz	
	Output power	1W (30dBm) 5dBm~30dBm: adjustable per 1dBm					
	Reading distance	0~12m ※1					
	Reading speed	≥1000 pieces/sec ※2					
	Polarization characteristics	Linearly polarized antenna					
Function		Read / Write / Lock / Kill					
Barcode	Scan Engine	CMOS Sensor					
	Reading range	Barcode resolution 100% U.P.C. 5 mil Code 39 10 mil Code 39	Distance to the front of the device 46 mm - 419 mm (1.8 - 16.5") 64 mm - 163 mm (2.5 - 6.5") 28 mm - 338 mm (1.1 - 13.3")	Barcode resolution 6.7 mil PDF417 10 mil Data Matrix	Distance to the front of the device 46 mm - 185 mm (1.8 - 7.3") 53 mm - 203 mm (2.1 - 8.0")		
	Reading angle	Pitch: ±45° Roll: 360° Skew motion: ±60° ※3					
	Reading code	■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)					
	Light sources	Illumination: White LED, Aiming: Red Laser (Class 2)					
Power Source	Battery Capacity	Built-in rechargeable lithium-ion battery 3400mAh					
	Continuous operation time	■RFID About 11 hours (scan every 5 s; 30 s standby time) About 8 hours (scan every 10 s; 30 s standby time)		■Barcode About 32 hours or 20,000 times (scan every 5 s)			
	Power Source	USB-C cable & Magnetic suction header with 8mm D. ※4					
	Charging time	About 3.5 hours (Built-in battery)					
Key input	Trigger, Mode button, Power button						
Communication	Interface	USB					
Appearance	Dimensions(D)x(W)x(H)	196x64x145mm					
	Weight (with Battery)	About 370g					
	Material	PC (Polycarbonate)					
	Case color	White/Gray					
	LED	Power indicator: red/green Mode indicator: white					
Environment	Operating environment	-10°C ~ 45°C					
	Charge environment	0°C ~ 45°C					
	Storage environment	-20°C ~ 60°C (A month)					
	Operation humidity	20~85% RH					
	Storage humidity	10~95% RH					
	IP Rating	IP54 compliance (only when connected to AsLock)					
Anti-drop		(Six -sided, 4 edge, once each) 1.5m ※5					
Certificates		TELEC / FCC / CE / SRRC / ANATEL / RoHS					
Bundled items		USB-C cable & Magnetic suction header with 8mm D					

※ 1 It depends on the type of RF tag and operating environment.  
 ※ 2 It depends on the settings and operating environment.  
 ※ 3 It depends on the barcode type.

※ 4 Use a 5V2A output charging adapter for charging.  
 ※ 5 This product only.

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