AsReader®

ASR-R202G (2D Barcode Scanner - Long Range)

With a telescope-type lens and laser pointer, you can accurately pinpoint-scan barcodes even at long distances.

Model Name		ASR-R202G			
Barcode	Reading method	Auto-Focus 2D imager 1280 x 800 pixels			
	Readable range	■Barcode density	■Reading distance from tip of scanner	■Barcode density	■Reading distance from tip of scanner
		Code39 - 10mil	： 15 ～ 135cm	EAN 100% - 13mil	： 15 ～ 160cm
		Code39 - 20mil	： 16 ～ 280cm	DataMatrix - 10mil	： 15 ～ 90cm
		Code39 - 40mil	： 25 ～ 550cm	DataMatrix - 30mil	： 25 ～ 310cm
		Code39 - 55mil	： 40 ～ 720cm	DataMatrix - 55mil	： ※1 ～ 450cm
		Code39 - 100mil	： ※1 ～ 1200cm	DataMatrix - 100mil	： ※1 ～ 1100cm
		Code128 retro-reflective - 100mil	： ※1 ～ 1300cm	DataMatrix - 300mil	： 20 ～ 1524cm
	Reading angle	14° (horizontal),8.7° (vertical)			
	Readable barcodes	■1D: EAN/UPC, GS1 Databar (limited expanded & omni-directional), RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved/Matrix/ Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen, postal codes (Australian Post, BPO, Canada Post, Dutch Post, Japan Post, PostNet, Sweden Post) ■2D: Data Matrix, PDF417, Micro PDF 417, Codablock , Maxicode, QR, Aztec, GS1 composite codes			
	Light source	650nm Laser (Class 2), Red LED			
Power source	Battery capacity	Built-in rechargeable lithium-ion battery (3000mAh)			
	Number of scans	About 30,000 **TBD** (※2)			
	Charging method	USB-cable (※3)			
	Charging time	About 3,5 hours (built-in battery) **TBD** (※4)			
Key input		Trigger button, power button, force-terminate button			
Communication	Interface	AsRing+ (※5)			
Appearance	Dimensions (W)x(D)x(H)	130 × 59 × 145 mm **TBD** (※6)			
	Weight (with battery)	340g			
	Material	PC/ABS			
	Casing color	White			
	Power Supply LED	Charging (red light) / Fully charged (blue light)			
	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	Temperature: 0~35 C, Humidity: 20~80 % RH			
	Storage temperature	Temperature: -20~45 C, Humidity: 10~95 % RH			
	IP Rating	IP54 compliant			
	Anti-drop	(Six-sided * 4 edge, once each) 1.5m (5.91 inch)			
Certificates		RoHS			
Bundled items		micro USB cable / User manual			

※1 Depends per size of the barcode to scan and the reading angle.
※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 It is recommended to use an adapter of 1.5A or more for the AC-adaptor connected with the cable.
※4 If connected to the iPhone during charging, both the iPhone and AsReader battery will be recharged simultaneously.
※5 Dedicated SDk is provided.　　※6 Exluding protrusions.　　**TBD** : To Be Determined
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