AsReader®

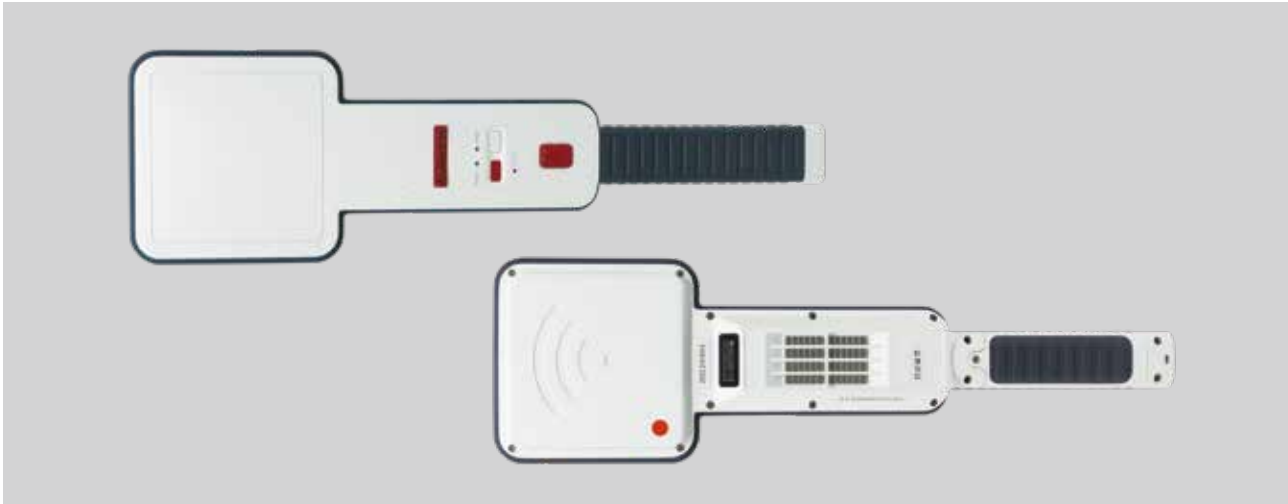## AsReader（ASR-P252B）RFID・Barcode

	Model	ASR-P252B-23S (US) /ASR-P252B-22S (EU) (being prepared) /ASR-P252B-26S (Brazil) (being prepared)
RFID	Spec	ISO/IEC 18000-63 (Former 18000-6C) / EPCglobal Class 1 Gen 2
	Radio frequency	Japan: 916.8MHz ~ 920.8MHz North America: 902.75MHz ~ 927.25MHz
	RF output power	2dBm ~ 30dBm (Max. 1W)
	Output power regulation	Step by 1dBm
	Reading distance	Up to 26 feet (7.8m) (*1)
	Reading speed	Over 400 tags per second (*1)
	Polarization characteristics	Circular polarization (Internal antenna)
	Functions	Read/Write/Lock/Kill
Barcode	Scan Engine	CMOS sensor 640x480 pixels
	Min. element width	1D：≥3mil 2D：≥6.67mil
	Reading distance (*2)	EAN 13 (13mil)：105mm~680mm Code 39 (20mil)：65mm~800mm QR Code (15mil)：80mm~250mm Code 39 (5mil)：120mm~260mm Code 128 (40mil)：115mm~1400mm
	Reading angle (*2)	Skew motion: ±60° , Pitch: ±60° , Roll: 360°
	Readable code	1D：Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, Code 93, UCC/EAN-128, Matrix 2 of 5, Code 11, Industrial 2 of 5, AIM 128, Plessey, MSI- Plessey 2D：PDF417, QR Code, Micro QR, Data Matrix
	Light sources	Illumination: White LED Aiming: Red laser (650nm)
Power Source	Battery	Rechargeable lithium-ion battery Capacity: 3400mAh
	Charging (*3)	USB Type-C port and Magnetic charging port Input rating: 5V/2A
	Charging time	About 5 hours (*4)
Operating time	RFID reading	Approx. 2 hours (Repeated operation of 4 seconds continuous reading and 1 second standby)
	Barcode reading	Approx. 28 hours (Repeated operation of reading twice in 10 seconds)
Button		Power, Trigger, Mode and Reset
Switch		ON/OFF switching of USB Type-C port charging
Human interface		Blue LED (Operating status indication) Red/Green LED (Charging status and low battery indication) Beep sound
Communication interface		USB 2.0 (USB Type-C port) and Bluetooth Classic (SPP)
Appearance	Dimensions (D)x(W)x(H)	348 x 101 x 33mm (*5)
	Weight	Approx. 350g (Including battery)
	Resin material	PC+ABS
	Resin Color	White
Environment	Operating	-10 ~ 45℃, 20 ~ 85%RH (Above 0℃ when charging)
	Operating	-20 ~ 60℃, 10 ~ 95%RH
	Protection Ratings	IP54 compliant
	Drop resistant	5 feet (1.5m) Twice each on 6-sides and 4-corners (*6)
Certifications		Apple MFi / FCC / FDA
Supported OS		iOS (Bluetooth)/Android (Bluetooth and USB)/Windows (Bluetooth and USB)
Accessories		Magnetic charging cable, Manual

*1: The value varies depending on the RF tag, settings, and environment.   *2: The value varies depending on the 1D/2D code and environment.
*3: Use a charging adapter with an output voltage of 5V and an output current of 2A or more for charging.
*4: The value varies depending on the remaining battery level, charging adapter, and environment.   *5: The dimensional values do not include protrusions.
*6: These tests were conducted on the device alone.

https://AsReader.com