

Model		P23
RFID	Spec.	ISO 18000-63 (old 18000-6C) / EPC global Class 1 Gen 2
	Radio frequency	Japan: 916.8MHz ~ 920.8MHz North America: 902MHz ~ 928MHz Europe: 865MHz ~ 868MHz
	RF output power	2dBm ~ 30dBm
	Output power regulation	Step by 1dBm
	Reading distance	0~9m (It may vary depending on the type of smart device or RFID tags used and the usage conditions.)
	Reading speed	≥900 pieces/sec (It may vary depending on the type of smart device or RFID tags used and the usage conditions.)
	Polarization characteristics	Circularly polarized antenna
	Functions	Inventory/Read/Write/Lock/Kill
Barcode	Scan engine	640*480 CMOS
	Min. X Dimension	2D: ≥6.67mil 1D: ≥3mil
	Reading distance	Barcode resolution: Distance to the front of the device EAN 13 (13mil): 105mm~680mm Code 39 (5mil): 120mm~260mm Code 39 (20mil): 65mm~800mm Code 128 (40mil): 115mm~1400mm QR Code (15mil): 80mm~250mm
	Reading angle	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, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, Standard 2 of 5, AIM 128, Plessey, MSI- Plessey 2D: PDF417, QR Code, Micro QR, Data Matrix
	Light sources	White LED (Illumination); 650nm laser (Aiming)
Power Source	Battery capacity	3400mAh Li-Ion rechargeable battery
	Charging	USB Type-C interface charging & Magnetic charging Input: 5V/2A
	Charging time	About 2 hours
Button		Buttons: Mode, Power, Reset and Trigger buttons Switch: Charging switch (Control whether to charge ASR-P252B. ※ Valid only for USB Type-C interface, not magnetic charging interface.)
Interface	Power & communication interface	USB Type-C

Appearance	Dimensions (W)x(D)x(H)	347.9 x 100.8 x 33.2mm
	Weight	Approx. 320g
	Material	PC+ABS
	Color	White
	LED indicator	Working status indicator: Blue • Waiting for connection (Blue blinks slowly) • Connected (Blue on) • Data transfer (Blue blinks rapidly) Battery status indicators: Red & Green • In charging (Red on) • Fully charged (Green) • Poor battery (Red blinks)
Environment	Operation temp.	-10°C ~ 45°C, 20 ~ 85 %RH (Above 0°C when charging)
	Storage temp.	-20°C ~ 60°C, 10 ~ 95 %RH
	IP rate	IP54 compliant
	Anti-drop	(Six-sided, 4 edges, once each) 1.5m
Supported OS		iOS (Bluetooth), Android (USB & Bluetooth), Windows (USB & Bluetooth)
Accessories		Magnetic charging cable