Model		MRX-P23
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 China: 920MHz ~ 925MHz
	RF output power	2dBm ~ 30dBm (Max. 1W)
	Output power regulation	Step by 1dBm
	Reading distance	Up to 9m (*1)
	Reading speed	Over 900 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 (5mil): 120mm~260mm Code 39 (20mil): 65mm~800mm Code 128 (40mil): 115mm~1400mm QR Code (15mil): 80mm~250mm
	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, 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)
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)
	Storage	-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 TELEC 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.