



SR160

UHF Scanner

Chainway SR160 is a powerful UHF Scanner that supports both UHF RFID and 2D scanning. Adopting self-developed UHF RFID modules based on the Impinj E Series chips, supporting Impinj Gen2X for excellent single-tag read/write performance. SR160 can read various electronic tags on the market fast and accurately with 7-100cm adjustable reading range. The scanner also supports high-performance barcode scanning which can scan barcodes in all conditions, no matter whether they are scratched, dirty, damaged, poorly printed or displayed on the screen. SR160 can be widely used in retail chains, inventory management, warehouse logistics, manufacturing, and other application scenarios.



Specification

Physical Characteristics		Data Collection	
Dimensions	154.0 x 87.8 x 65.0mm / 6.46 x 3.43 x 2.56in.	Scan Engine	2D Scanner
Material	Plastic	Min.Resolution	Code 39 – 4mil、 UPC – 7.8mil (60%)、 PDF417 – 5mil、 Datamatrix – 5mil
Keypad	power key / scan key	Barcode Scanning	
Battery	2600mAh (Wireless Version)	UHF	
Button	UHF、 2D、 UHF or 2D	Engine	Based on Impinj E Series chips
LED Indicator	Function: 1 for UHF, 1 for 2D	Impinj Gen2X	Supported
	Status: 2 in total, 1 for UHF, 1 for 2D	Protocol	EPCglobal C1G2 (ISO18000-6C)
	Power: 1	Frequency	920-925MHz / 902-928MHz / 865-868MHz
	Bluetooth: 1	Output Power	1-25dBm
Buzzer	Voice prompt	Output Power Precision	±1dBm
Ethernet Interface	RJ45 interface, HID USB BT HID (Wireless Version)	Output Power Flatness	±1dBm
Communication		Antenna	Circular Polarized Antenna
Bluetooth	Bluetooth Low Energy (BLE) 5.0 (Wireless Version)	R/W range	7-100cm (30cm is recommended)
User Environment			
Operating Temp.	-4 °F to 122 °F / -20 °C to 50 °C	Accessories (Optional)	
Storage Temp.	-40 °F to 158 °F / -40 °C to 70 °C	USB Cable	1 * USB-RJ45, 2M 1 * TYPE-C (Wireless Version)
Humidity	5% RH - 95% RH non condensing	Power Supply	5V 2A
Dropping	1.5m		

Notice: Product specifications are subject to change without prior notice. / Model: SR160 / Update Date: 2025-09-15

CHAINWAY®

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