

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 latest Impinj E310 chip and offering excellent single-tag read/write performance, SR160 can read various electronic tags on the market fast and accurately with a maximum reading range of more than 30cm. 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		
Dimensions	154.0 x 87.8 x 65.0mm / 6.46 x 3.43 x 2.56in.	
Material	Plastic	
Keypad	power key / scan key	
Battery	2600mAh (Wireless Version)	
Button	UHF、2D、UHF or 2D	
LED Indicator	Function: 1 for UHF, 1 for 2D	
	Status: 2 in total, 1 for UHF, 1 for 2D	
	Power: 1	
	Bluetooth: 1	
Buzzer	Voice prompt	
Ethernet Interface	RJ45 interface, HID USB	
Communication		
Bluetooth	Bluetooth Low Energy (BLE) 5.0 (Wireless Version)	
User Environment		
Dropping	1.5m	

Barcode Scanning Scan Engine 2D Scanner Min.Resolution Code 39 – 4mil, UPC – 7.8mil (60%), PDF417 – 5mil, Datamatrix – 5mil UHF Engine CM-3N module based on Impinj E310 Protocol EPCglobal C1G2 (ISO18000-6C) Frequency 920-925MHz / 902-928MHz / 865-868MHz Output Power 1-25dBm Output Power ±1dBm Output Power Flatness ±1dBm Antenna Circular Polarized Antenna R/W range >30cm (Tag: Alien H3) Accessories (Optional) USB Cable 2m, 1* Type-A, 1* RJ45 Power Supply 5V 2A	Data Collection	
Min.Resolution Code 39 – 4mil、UPC – 7.8mil (60%)、 PDF417 – 5mil、Datamatrix – 5mil UHF Engine CM-3N module based on Impinj E310 Protocol EPCglobal C1G2 (ISO18000-6C) Frequency 920-925MHz / 902-928MHz / 865-868MHz Output Power Precision Output Power Flatness Antenna Circular Polarized Antenna R/W range >30cm (Tag: Alien H3) Accessories (Optional) USB Cable 2m, 1* Type-A, 1* RJ45	Barcode Scanning	
Win.Resolution PDF417 – 5mil、 Datamatrix – 5mil UHF Engine CM-3N module based on Impinj E310 Protocol EPCglobal C1G2 (ISO18000-6C) Frequency 920-925MHz / 902-928MHz / 865-868MHz Output Power Precision Output Power Flatness Antenna Circular Polarized Antenna R/W range >30cm (Tag: Alien H3) Accessories (Optional) USB Cable 2m, 1* Type-A, 1* RJ45	Scan Engine	2D Scanner
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Protocol EPCglobal C1G2 (ISO18000-6C) Frequency 920-925MHz / 902-928MHz / 865-868MHz Output Power 1-25dBm Output Power +1dBm Output Power Flatness ±1dBm Circular Polarized Antenna R/W range >30cm (Tag: Alien H3) Accessories (Optional) USB Cable 2m, 1* Type-A, 1* RJ45	UHF	
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Output Power Precision ±1dBm Output Power Flatness ±1dBm Antenna Circular Polarized Antenna R/W range >30cm (Tag: Alien H3) Accessories (Optional) USB Cable 2m, 1* Type-A, 1* RJ45	Frequency	920-925MHz / 902-928MHz / 865-868MHz
Precision Output Power Flatness Antenna Circular Polarized Antenna R/W range >30cm (Tag: Alien H3) Accessories (Optional) USB Cable 2m, 1* Type-A, 1* RJ45	Output Power	1-25dBm
Flatness ±1dBm Antenna Circular Polarized Antenna R/W range >30cm (Tag: Alien H3) Accessories (Optional) USB Cable 2m, 1* Type-A, 1* RJ45	•	±1dBm
R/W range >30cm (Tag: Alien H3) Accessories (Optional) USB Cable 2m, 1* Type-A, 1* RJ45	•	±1dBm
Accessories (Optional) USB Cable 2m, 1* Type-A, 1* RJ45	Antenna	Circular Polarized Antenna
USB Cable 2m, 1 * Type-A, 1 * RJ45	R/W range	>30cm (Tag: Alien H3)
	Accessories (Optional)	
Power Supply 5V 2A	USB Cable	2m, 1 * Type-A, 1 * RJ45
	Power Supply	5V 2A

 $Notice: Product \ specifications \ are \ subject \ to \ change \ without \ prior \ notice. \ / \ Model: \ SR160 \ / \ Update \ Date: \ 2023-03-02$