



HLH-R160

UHF Scanner

HLH-R160 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.

HLH-R160 can be widely used in retail chains, inventory management, warehouse logistics, manufacturing, and other application scenarios.



Specification

Physical Characteristics

Material	Plastic
Keypad	power key / scan key
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 4.2 (Optional)
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User Environment

Dropping	1.2m
Sealing	IP65 per IEC sealing specifications

Data Collection

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 Precision	±1dBm
Output Power Flatness	±1dBm
Antenna	Circular Polarized Antenna
R/W range	>30cm (Tag, Alien H3)

Accessories (Optional)

USB Cable	TYPE-A , RJ45
Power Supply	5V 2A