

# UHF Scanner

# EYR160

EYR160 is a RFID and optical Scanner, supporting both UHF and 2D - codes. Adopting self-developed UHF RFID modules based on the latest Impinj E310 chip and offering excellent single-tag read/write performance, EYR160 can read RFID tags fast and accurately with a maximum reading range beyond 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.



## product SPECIFICATIONS

### 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
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 5.0 (Optional)
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### User Environment

Dropping	1.5m
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### 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

#### Headquarter

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#### R&D / Product Plant

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