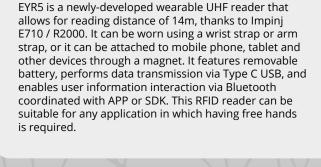




easyRFID





product SPECIFICATIONS

Physical Characteristics

Dimensions 108mm × 78mm × 18mm

 Weight
 200g / 7.05oz.

 Port
 USB Type C

 Button
 ON/OFF, SCAN

Battery 2000mAh (removable)

Charging Current 5 V / 1.5 A
Charging Duration 2 hours

LED Indicator Red indicator will be ON when charging;

Green indicator will be ON when device has been

fully charged;

Blue indicator will be ON when battery is higher than 20%:

Blue indicator will flash when battery is lower than 20%

20%; Bluetooth is not paired when bluetooth indicator is

Blue

Bluetooth is paired when bluetooth indicator is ON

Developing Environment

SDK Android / IOS SDK Supported
Security RFID Encrypted Module (reserve)

Communication

Type C USB USB connection to realize data transfer

BT Bluetooth 5.0

User Environment

Operating Temp. -4°F to 122°F / -20°C to 50°C
Storage Temp. -40°F to 158°F / -40°C to 70°C
Humidity 5% RH - 95% RH non condensing
Dropping 1.2m / 3.94ft. dropping on concrete

Sealing IP65

UHF

Engine CM710-1 module based on Impinj E710
CM2000-1 module based on Impinj Indy R2000

Antenna parameter Circular Polarized Antenna (3dBic)

Frequency 920-925 MHz / 902-928 MHz / 865-868 MHz

Protocol EPC C1 GEN2 / ISO18000-6C

Power 1W (30dBm, support +5~+30dBm adjustable)

2W Optional (33dBm, for Latin America, etc.)

Max Read Range Impinj E710 chip:

11m (Impinj MR6 tag, size 70 x 15mm) 12m (Impinj M750 tag, size 70 x 15mm) 14m (Alien H3 Anti-Metal tag, size 130 x 42mm)

Impinj R2000 chip:

11m (Impinj MR6 tag, size 70 x 15mm) 8m (Impinj M750 tag, size 70 x 15mm) 9m (Alian H3 Anti-Metal tag, size 130 x 42mm)

Fastest Read Rate 900+ tags/sec

* Ranges are measured in the open outdoors and low interference environment, and rate is measured in a laboratory low interference environment, they are affected by tags and environment.

Accessories (Optional)

Wrist strap / arm strap / magnetic handle

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