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Security at Fingertips




# Model Name: U11-D

- **Protocols** : EPC Class 1 Gen 2（ISO18000-6C）

## Interfaces

- **Antenna** : Default -10dBi circularly polarized PCB antenna, optional 2dBi circularly polarized ceramic antenna
- **RSSI** ：< -75dBm
- **Frequency** : It can be configured to meet the following regional frequency requirements :
    - FCC (NA, SA) 902-928MHz
    - ETSI(EU) 865-867MHz
    - OPEN'(Custom)840-960MHz
    - (Can be customized according to user needs or local regulations)

## Interfaces

- **Communication** : USB2.0 communication/RS232 serial communication, baud rate: 115200 bps (default)
- **GPIO** : 2in 2out
- **Work status** : Power indicator light, card reading status indicator light, buzzer

## Parameter

- **Dimension** : 110mm×110mm×17mm

## Power supply/Consumption

- **DC power** : USB power supply, or connect 5V(+/- 0.25V)power supply
- **Power consumption** : Work :（Separate USB power supply, only allow maximum transmit power 27dBm to work）

◦ : 2.7W(27dBm)/3.6W(30dBm)◦

**Standby** :

◦ : 0.25W

## Environment

- Operating temperature : -10°C- +55°C
- Storage temperature : -20°C- +60°C

## Performance

- Reading rate ：> 50 tags/s
- Reading distance : -10dBi PCB(default) 2dBiCeramic antenna（option）
  ：3cm - 60cm
  ：10cm - 2.5m
- The write distance is about 50% of the read distance

Disclaimer : Brief specifications are mentioned here. Specifications may change without prior notice. Customers are advised to check with us before purchase. Actual product may differ slightly to that depicted for ongoing product development.