



RS-PI12LA01

Long Range UHF Integrated Reader

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RS-PI12LA01 long range UHF integrated reader with built-in 12dBi linear polarization antenna, reading 12m, portable and user-friendly, widely used in asset tracking, production line, warehouse, logistic management, vehicle and personal management.

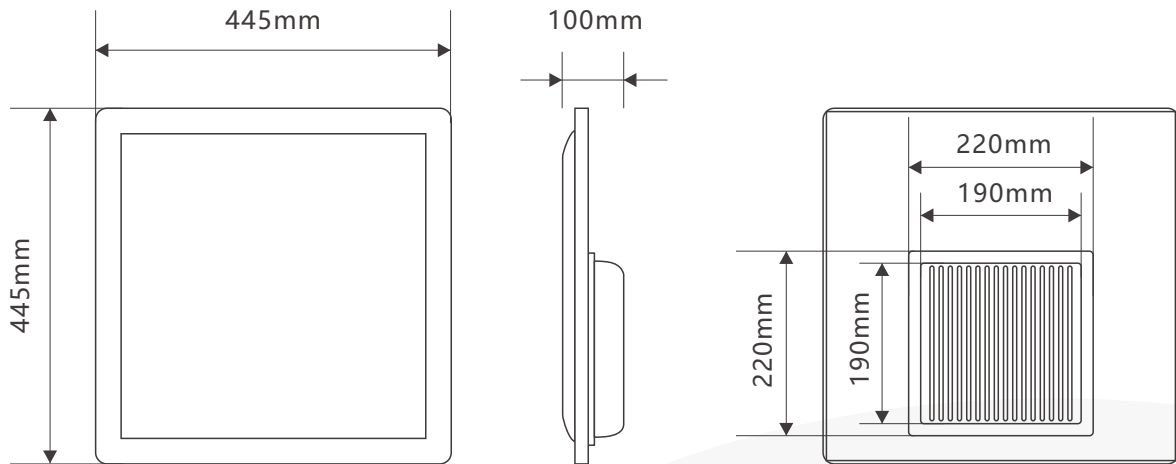
Functions

- 902-928Mhz FCC, 866-868Mhz CE, equipped with 12dBi linear antenna
- Build in Indy R2000 RFID Chip, fast and accurate reading rate
- PoE optional
- Multi-reader operating under intensive environment
- Upgrade firmware online

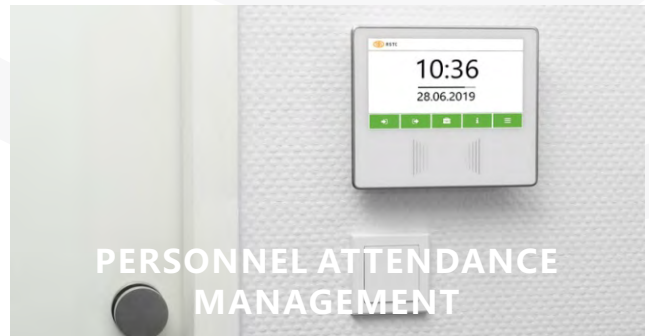
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Product Dimensions

Any discrepancy, please defer to the real product instead.



Application



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Specification

Performance Index

Operating Frequency	902 - 928MHz, 865 - 868MHz, RF band customized (optional)
Frequency Hopping	FHSS or Fixed Frequency
Output Power	+20dBm ~ +30dBm@50Ω load, 1dBm each step
Antenna	Built-in 12dBi linear polarization antenna
Communication Interfaces	RS-232, RS-485, 10M/100M Ethernet interfaces
Optional Interfaces	Wiegand 26/34, PoE (optional)
Firmware Update	Ethernet
Application Software Platform	API, C++, C#) development kit (can be customized)

Tag Operation

Tag Protocol	EPC Class 1 Gen 2(ISO18000-6C)
Reading Range	0~15m (depends on antenna configuration)
Writing Range	0~5m

Mechanical/Electric Performance

Indicator	Buzzer, LED (Power, Antenna, Read)
Product Dimension	445mm x 445mm x 100mm (excluding stand)
Package Dimension	600mm x 480mm x 120mm
Net Weight	3.49kg
Gross Weight	6.56kg
IP Rating	IP65
Power	DC 12V input, PoE optional
Power Assumption	2W(Standby), 10W(Working)
Operating Temperature	-40°C ~ +60°C
Storage Temperature	-60°C ~ +80°C
Humidity	5% ~ 95%(non-condensing)




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