



RS-F905

Fixed Four-port Passive UHF RFID Reader

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RS-F905 is a new designed four ports UHF RFID Reader with antennas and Impinj E710 chipset, supports up to 25 meters long range reading.

It is widely used for asset management, inventory/warehouse management, vehicle ETC management etc.

Feature

- Using Impinj's latest E710 module.
- Integrated 4-way SMA radio frequency interface to meet a larger reading range.
- The modular design of the whole machine supports a variety of In addition to the existing hardware interfaces, other types can be customized for users to meet the differentiated needs of RFID integration.

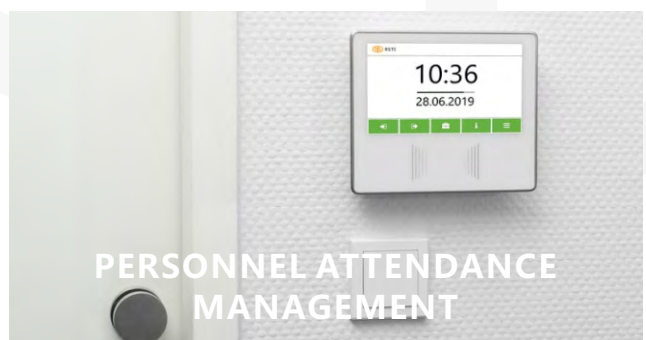
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Product Dimensions



Application



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Specification

Electrical Specifications	
Frequency	North America : 902MHz ~ 928MH Europe : 865MHz ~ 868MHz China : 920MHz ~ 925MHz
Chip Set	Impinj Indy E710 chip as RF transceiver
Frequency Hopping	FHSS/ fixed frequency, set by software
Protocol	EPC C1 G2 (ISO 18000-6C)
Output Power	5dBm ~ 33dBm Stepping by 1dBm
RF Interface	4 SMA interfaces
Communicating Interface	Rj45, RS232 or RS485
Communicating Interface Optional	4G/WIFI (optional)
Power Supply	DC 9~24V, PoE (optional)
Input/Output	2 relay outputs, 2 optical isolation inputs
Receive Sensitivity	< -80dBm
Reading Distance	Up to 25 meters (depending on antenna configuration)
Mechanical Specifications	
Product Dimension	210mm×132mm×34mm
Operating Temperature	-20°C ~ +60°C
Storage Temperature	-30°C ~ +70°C
IP Rating	IP54 (With the use of a waterproof housing, can reach IP65)
Operating humidity	5% ~ 95% non-condensing
Certification	
Compliance To	CE、FCC、EMC(EN 50121-4、EN 61000-6-4)、EN 60950-1、OFCA



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