



RS-AI01

Fixed 2.45GHz Active Circle Outdoor RFID Reader

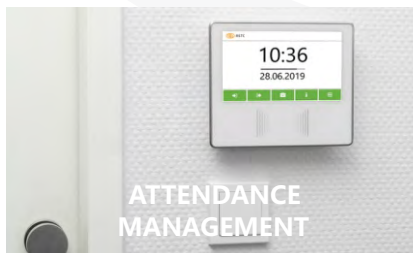
RS-AI01 Fixed 2.45GHz Active Circle Outdoor RFID Reader



Functions

- Support RS-232, Wiegand 26/34 , 10/100M Ethernet and customized interfaces
- Reading distance is adjustable by software
- Power supply (AC 100-277V~6A, PoE optional) configurable by requirement
- Multi-group I/O ports, to control the functional mode of the reader/writer
- Command-trigger, set time-trigger and out-trigger suitable for customer's applications
- Multi-reader operating under intensive environment
- All the design, components model and production process meet relevant military standards, waterproofing IP67, harsh environment suitable

Application



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Fixed 2.45GHz Active Circle Outdoor RFID Reader

Specification

RF Parameters	
Operating Frequency	2.4-2.48GHz
Output Power	-30dBm-0dBm (adjustable by software)
Sensitivity	-95dBm
Communication Interface	RS-232, 10 / 100M Ethernet
Optional Interfaces	RS-485, Wiegand 26/34
I/O Port (Optional)	2-channel relays output, 2-channel trigger input
Firmware Upgrade	Support by serial port or network port
Application Software Platform	Provide development kit of API (C++ and C#)
Tag Operation	
Tag Protocol	Private Protocol
Tag Operating Mode	Compatible with active and passive operating mode tags
Reading Range	0-120m (depend on the tag power output)
Identification Speed	300pcs/s (tag ID)
Anti-confliction	Identifying 300pcs tag at the same time
Mechanical & Electrical performance	
Indicator	LED (POWER, READ, ER COM)
Product Dimensions	Φ310mm×90mm (excluding stand)
Package Dimensions	560mm×380mm×185mm
Net Weight	1.51 Kg
Gross Weight	3.26 Kg
Power Supply	AC100V-277V~0.6A, PoE optional
Power Consumption	300mW
Operating Temperature	-40℃~+60℃
Storage Temperature	-60℃~+80℃
Operating Humidity	5% ~ 95% (non-condensing)
IP Rating	IP67
Shock Resistance	10~500Hz, 100mm/15g, triaxial
Accessories	Bracket



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