

SAN-ACT-101 Active Reader



Technology specifications

Operating frequency	2.4GHz~2.5GHz ISM
Identify direction	Directional
Antenna	15dBi build-in antenna
RF power range	-18.0dBm~0.0dBm(adjusted by 32 grade)
Receiving sensitivity	-90.0dBm
Operating mode	FHSS or fixed frequency(set by software)
Modulation	GFSK
Reading range	0~200m adjustable RSSI reader can be adjusted less than 10m
Anti-collision	Up to 1000 tags read simultaneously
Buffer capacity	2000 tags data
Communication speed	25Kbps, 1Mbps, 2Mbps(adjustable)
Communication interface	RS-232, S-485, Ethernet, Wiegand26/34/42/50
Input and output	1 triggering input, 1 relay output
Optional function	2 relays, CAN, RSSI, ID match function, Offline Function ,Time Function
Power supply	AC input: 100~240V, 50/60Hz 1.2A DC output: 5V/1A
Product size	225mm*225mm*100mm
Packing size	450mm*300mm*140mm
Gross weight	2.78kg
Net weight	1.82kg
Working temperature	-20°C~+70°C (-4°F~+158°F)
Storage temperature	-40°C~+85°C (-40°F~+185°F)
Accessories	Power adapter, Power cable, RS-232 cable Fixing Bracket
Working status indication	Buzzer

Key Features

- Small Size and easy to Install
- Long distance Identification and strong receiving Sensitivity
- Excellent Anti collisions Performance.
- Less RF Power (Not more than 1dbm and Transmitting Power<2 mw) Which is not harmful to human Carry and Environment friendly
- Multiple Communication Interfaces
- Proprietary Protocol and can be customised
- Compatible with other tag protocol

Typical Applications

- Time Attendance/Student Tracking Management
- Access control systems
- Intelligent transportation management
- Asset Identification and Tracking
- Position Monitoring systems for Babies etc