

RFID Ceiling-Mounted Dual-Sensor Access Control AI-RF-GATE-Top1



Description

AI-RF-GATE-Top1 ceiling-mounted UHF RFID access control reader. The ceiling-mounted RFID sensor is flexible and has a beautiful design. It can automatically identify and record entry and exit status data of people and items, etc. without manual intervention. It is commonly used to prevent theft of valuables, prevent theft in supermarkets, and record the entry and exit of people in necessary places. If abnormal operations or behaviors occur, the equipment will issue audible and visual alarms accordingly, making the overall operation of the equipment efficient and convenient. Widely used in libraries, archives, exhibition halls, concerts, supermarkets, warehouses, etc.

Features

- The group reading ability is strong, the reading distance can reach 5m, and the reading speed is 0.3s;
- RFID technology 840~960MHz is optional and supports protocol expansion;
- Multiple interfaces: RJ45, RS232 WiFi, 4G, alarm input, etc.;
- Integrated audible and visual alarms, enabling online/offline EAS alarms;
- Supports integrated sound and light alarms, optional Windows/Android system;
- Product appearance, functions, protocols, etc. support customization.

Parameters

Main Specifications	
Product Model	AI-RF-GATE-Top1
UHF RFID	
Identification Method	UHF
Frequency Range	840MHz-960MHz
RF Protocol Standards	EPC C1G2, ISO 18000-6B, ISO 18000-6C
RFID Main Chip	Impinj R2000
Frequency Band (Optional)	ETSI: 865~868MHz, JP: 916.8~920.4MHz, TW: 922.25~927.75MHz, ID: 923.125~925.125MHz, RUS: 866.6~867.4 MHz, TEST: 802.75~998.75MHz, JP_LBT: 916.8~920 .8MHz
Reading Distance	0-500cm
Antenna	Built-in 10.5 dbi
Function	RFID reading function, multi-tag identification, tag data filtering, quantity statistics, spatial induction triggering, RSSI perception, EAS alarm
Hardware Specifications	
RF Output Power (Port)	33dBm±1dBm (MAX)
Tag Recognition Speed	> 500 times/second
Operating System	Android 4.4
Communication Interface	RJ45/RS232
Optional Features	
RFID Reader	Standard
Face Recognition	Optional
Audible Alarm	Optional
Voice Broadcast	Optional
Wireless Network	WiFi/4G
Basic Specifications	
Size	600mm*390mm*27mm
Material	carbon steel plate
Power Supply	DC 12V/5A
Operating Temperature	0°C~60°C
Working Humidity	10%RH~90%RH

