

AI-RF-GATE-CL06



UHF ACCESS CONTROL

AI-RF-GATE-CL06 is UHF channel access control, supports ISO18000-6C/6B, national standard GB/T29768-2013 protocol, integrated high gain antenna array, R2000-based high-speed reader and control module, with high speed Read tags and good read and write area control, provide a standard RJ45 interface for easy connection to the software platform. The product is especially suitable for all kinds of logistics, warehousing, books, archives, personnel attendance management, and plays the role of batch identification, burglar alarm and so on.

Features

- Support all mandatory orders of ISO18000-6C/6B and
- GB/T 29768-2013 Support for
- RSSI: perceived signal strength, tag data filtering, online and remote upgrades
- Multi-tag read capability, very low miss rate
- Sensitive, safe and reliable, zero false positives
- RFID security doors are placed at a wider distance, up to 1.8m
- RF output power 33dBm (adjustable)
- Scalable WiFi, 4G communication
- Optional 10.4 inch windows touch screen / 10.1 inch Android touch screen



Specifcation

System

Operating system:	Linux 2.6
CPU:	ARM9 , 400MHZ
Memory Capacity:	Flash 128MB; DRAM 32 MB
Firmware Upgrade:	Demo software / Telnet
API support:	Windows - .net / .net core / C++/ Java SDK Android - Java Linux - C and Java SDK
Program functions:	Automatic reading/ White list Breakpoint resume / match reading / data filter data format customizable (PLC / Modbus compatible)

Physical

Size:	370mm(L)* 62mm(W)* 1480mm(H)* 2Pcs
Weight:	20Kgs* 2Pcs
Housing Material:	Die-cast aluminum, acrylic
Status Indicators:	status, sensor
Infrared sensor:	Supportable
Led alarm:	Supportable
Communications:	RJ45, RS-232, RS-485, USB Host & Client, Wiegand
I / O interface:	4 inputs, 4 relay outputs, optically isolated
Power supply:	DC 24V/2.5A (DC 9V ~ 30V,60W)
Operating temperature:	-20 - + 60° C
Storage temperature:	-30 - + 75° C
Humidity:	5%-95% non-condensing (+ 25° C)
Sealing:	IP54

UHF RFID

Air Protocol:	ISO / IEC18000-6B,6C / EPC Class 1 Gen2
Frequency:	USA:902 mhz-928mhz (FCC part 15) EU:865-868mhz (ETSI EN 302208) CN:920-925MHz, (CMIIT) Optional:Russian / Japan / Korea / Malaysia / Thailand / other
Output Power:	0dBm-33dBm (±1dBm) adjustable
Power adjustment:	1dbm step by step
Channel bandwidth:	< 200KHz
Anti-collision:	RSSI / multi-tag / intensive inventory supportable
Work Mode:	Fixed / hop frequency optional
Antenna:	4 * 9dBi antenna
Working width:	1-4 meters