

UHF Gate Device



Model: MSU-CH-AD

ITEM	典型值
Dimensions (HxWxD)	1701 x 600 x20mm
Housing	ABS
Color	French gray, Dark gray, Bright yellow
Weight (1 panel)	40kg

项目	典型值
Power supply (V/Hz)	220 / 50
CuMSent	160 (mA)
Alarm	Light and buzzer
Moving direction judgment	Accurate
Operating temperature	-10 ~ +60 (°C)
storage temperature	-25 ~ +70 (°C)

GENERAL DESCRIPTION

Matrix's UHF Gate Device "MSU-CH-AD" IS designed for high performance gate device management applications. The series support fast tag anti-collision and read/write operations (include EAS function of NXP tag). Equipped with main/auxiliary gate antenna, 3 line infrared motion detection sensor, control board and standard RS232, RS485 serial communication ports and RJ45 (TCP/IP) network port, the series are top choice for open mass flow RFID applications, such as: Library Entrance Control, Access Control, Process Control, etc.

FEATURES

- Support UHF EPC G2 (ISO18000-6C),
- ISO18000-6B protocol tags;
- 860~868MHz, 902~928MHz frequency band (frequency customization optional);
- FHSS or Fix Frequency transmission
- RF output power up to 30dbm(adjustable)
- Built-in 3 line infrared motion detection sensor
- Advanced anti-collision algorithm, high identification rate
- Low power dissipation design
- Support NXP tag / label EAS function
- Support RS232, RS485 and RJ45 (TCP/IP) network interface
- Configuration various alarm modes
- Optional: Support plug-in camera, large screen display/ television to realize control and management in a more intuitive way.

**Effective distance depends on protocol, tag and working environment.*

COMPONENTS

MSU-CH-AD comprises main antenna, auxiliary antenna. Main antenna base box is integrated with high RF power reader, 3 line infrared receiver parts, controller board and interface board. Auxiliary antenna base box is integrated with power source, 3 line infrared transmitter parts and interface board.

Other accessories include AC power cable, RF cable connecting main/auxiliary antenna, DC power cable connecting main/auxiliary antenna and RS232 communication cable.