UHF High Performance Gate

Model : SID-GATE-GG03F series

ITEM	VALUE
DIMENSIONS (HXWXT) (MM)	1591 X 400 X 206
HOUSING	ABSï¼Œ METAL
COLOR	WHITE, SLIVER
N.W. (1 PANEL)	24 KG

ITEM	VALUE
Power supply (V/Hz)	220 / 50
Current (mA)	160
Alarm	Light and buzzer
Storage temperature (℃)	-25 ~ +70
Operating temperature (℃)	-10 ~ +60

GENERAL DESCRIPTION

SID-GATE-GG03F series are a high performance EPC C1G2(18000-6C) protocol UHF tag gate device. Designed upon fully self-intellectual property, it supports fast tag anti-collision operation with high identification rate and 2 line infrared sensors for motion detection. It can be directly connected to host, controller and other equipments. It can be widely applied in many RFID application systems such as logistics, open conference attendance system, open access control and industrial production process control.

FEATURES

- Self-intellectual property
- Support ISO18000-6C (EPC C1G2) protocol tag
- 840~960MHz frequency band (frequency customization is optional)
- FHSS or Fix Frequency transmission
- Advanced anti-collision algorithm, high identification rate and optional RSSI
- RF output power up to 30dbm (adjustable)
- Built-in 2 line infrared motion sensor with intelligent movement direction determination and personnel counting display
- Support Inventory mode, EAS mode (true EAS), and EPC emulated EAS (AFI)
- Provide Single channel or multi-channel type gate for choice
- Low power dissipation design with excellent safety and reliability
- Support buzzer and alarm
- Support RS232 and TCP/IP interface
- Provide DLL and Demonstration Software Source code to facilitate further development.

COMPONENTS

SID-GATE-GG03F series is designed upon advanced gate concept. Each gate consists of one main panel and one auxiliary panel. Main panel includes Antenna Array, UHF Fixed Reader, Controller, Infrared Receiver and Motion Detection Unit, Power Source and Interface Port. Auxiliary panel includes Antenna Array, infrared transmitter unit and Interface Port.
SID-GATE-GG03F accessories include AC power cord, Panel link cable, RF cable and RS232 serial communication cable.

For the details of the serial communication protocol, please refer to SID-GATE-GG03F series series user manual.