

### UHF | RAIN - Stationary Reader CT - GateSense

- RAIN RFID (UHF EPC Class1 Gen2, ISO 18000-6C) compliant
- Up to 33 dBm output power
- RGB LED light strip and EAS alarm
- Up to 6 m reading range
- IP65 enclosure



### UHF | RAIN - Stationary Reader Seamless Asset Tracking

CRAFT Technologies GateSense is an advanced UHF ceiling mount RFID gate designed to bring intelligent automation and precise tracking to your operations. Featuring automatic scanning and easy network connectivity through TCP/IP, RS232, POE, and WIFI, GateSense seamlessly integrates into warehouse management, production control, and asset tracking systems. Its optional millimeter-wave radar detects human motion and direction, enhancing security and flow monitoring. The durable IP65-rated aluminum and acrylic housing ensures reliable performance in demanding industrial environments.

Equipped with configurable IP monitoring and support for multiple programming languages including C#, Delphi, Java, Python, and VB, GateSense offers flexible development options and smooth system integration. Colorful LED indicators and an EAS alarm provide instant visual and audible feedback for tag status. With adjustable RF power and a reading range up to 6 meters, GateSense is the ideal choice for smart cabinets, laundry management, and efficient garbage tracking, empowering businesses with real-time control and operational efficiency.

### Common Applications

- Warehouse and asset tracking
- Production line control
- Laundry management
- Access control
- Gate / Portal Applications



## TECHNICAL SPECIFICATIONS

### RFID Technical Parameters

Operating Frequency	865~868MHz (EU) 902~928MHz (US)
Supported Standards	ISO18000-6C (EPC GEN2)
RF output power	0dbm—33dbm(adjustable)
Built-in antenna	6dbi narrow beam antenna
Anti-theft function	Password/mask function
Reading distance	0~6 meters
Working mode	Active mode Trigger mode
In and out detection method	Millimeter wave radar (optional)
RSSI	Supported
Operating mode	Active mode/command mode/trigger mode

### Data Communication

Communication Interface	TCP/IP, Power port
Optional interface	RS232/ POE/ WIFI
Customizable	USB / RS485
Sound, light and electricity	Three-color LED light strip + EAS alarm
Working voltage	9-24V (with 12V 2A power adapter)
Working power	<10W

### Physical Parameters

Equipment material	Aluminum alloy + acrylic
Dimensions	650*330*27.5mm
Weight	3.1kg
Packaging dimensions	71*38*10cm
Package weight	4kg

### Drivers & Support

SDK	Demo software, API, examples, user manual
Development language	C#, Delphi, Java, Python, VB and other languages
Firmware version	Support for online upgrades

### Working Environment

IP protection level	IP65
Operating temperature	-10°C~ +55°C
Storage temperature	-20°C~ +85°C