



***The RFID reader gateway has an internal real-time clock providing accurate time stamps for data from the tags.***

This RFID hub is able to collect, filter and edit data from diverse kinds of readers and store tag data to a host system via Ethernet, USB, serial port, WLAN and GPRS/GSM. It can communicate with specific active RFID tags (such as 137003, 137004 and 137001) at distances up to 300ft. Up to eight read/write modules can be concurrently connected to the hub. An internal real-time clock provides accurate time stamps for data from the tags. And an internal memory saves up to 2,000 messages in order to avoid data loss.

**Features**

- ✓ Compatible with GAO’s active beacon tags: all long-range tags can be read and written to
- ✓ A special host protocol: uniform integration of various technologies
- ✓ PCMCIA-slots: a variety of communication technologies can be added
- ✓ SDK: simple integration into customer’s applications
- ✓ Standard operating system: allows for “stand-alone application” option





## Specifications

Operating system	Linux
Processor	XSCALE PXA225 400MHz
DRAM	64MB
Flash	128MB
Ethernet	10/100Mbit
Interfaces	2 USB host, 1 USB device, 1 RS232 monitor SS, 1 RS232, 1 RS485, 1 RS422, 2 PCMCIA type II, 2 relay output, 2 opto-coupled digital input
Status indicators	23 LEDs
Input power	PoE (Power over Ethernet) 24V DC, ≤10W
Standards/safety	CE and EN 300 220
Material	Aluminum
Enclosure rating	IP20
Operating temperature	0°C to 20°C
Optional ext. temperature	-30°C to 70°C
Storage temperature	-40°C to 80°C
Humidity	90% non-condensing
Dimensions	189mm × 103mm × 56mm
Weight	0.8kg





**GAO RFID Inc.**

**A Member of GAO Group**

*Celebrating Over 15 Year of Innovation*

*Product Overview*

**RFID Reader Gateway (227005)**



## **GAO Group**

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