# RFID Intelligent Security Access Control AI-RF-Gate-T4

## Description

Intelligent security access control, compliant with ISO18000-6C (EPC C1G2) protocol, has a simple and elegant appearance, stable quality, and reliable performance. It supports multi-tag reading, uses infrared trigger reading mode, supports counting of people entering and exiting, and integrates sound and light alarms. Both online and offline EAS alarm modes can be used. The device supports network port communication and can expand multiple communication methods such as WiFi and 4G.

## Features

- The multi-tag reading ability is extremely strong, and the missed reading rate and misreading rate are extremely low.
- The antenna is specially designed to provide accurate narrow-beam access control coverage without blind spots.
- Built-in alarm light and buzzer.
- An optional 10.1-inch integrated industrial touch screen can display label information and quantity in real time, and can also count the number of people entering and exiting.

## Parameters

| Main Specifications | |
|---|---|
| **Product Model** | AI-RF-Gate-T4 |
| **Performance Parameters** | |
| **Operating System** | Windows |
| **Industrial Control Configuration** | N29, 4G operation, 64G memory (RK3399, 4G+32G) |
| **Identification Method** | Radio Frequency Identification (UHF RFID) |
| **Reading Speed** | ≥200pcs/s |
| **Read and Write Functions** | Supports multi-tag recognition, tag data filtering, and RSSI sensible signal strength |
| **Reading Distance** | 0-300cm (the best effect is within 1.5 meters for personnel entry and exit control) |
| **Function** | Infrared trigger, sound and light alarm |
| **Physical Parameters** | |
| **Overall Machine Size (H*W*D)** | 1555mm*426mm*45mm |
| **Screen** | 10.1-inch capacitive touch screen (optional) |
| **Resolution** | 1366*768 |
| **Communication Interface** | RJ45 |
| **Shell Material** | Aluminum profile frame, ABS+PC |
| **UHF RFID** | |
| **Frequency Range** | 840MHz-960MHz |
| **RF Protocol Standards** | ISO 18000-6C (EPC C1 G2) |
| **Reading Speed** | ≥200pcs/second |
| **Output Power** | 4 antennas, power 1-33dBm adjustable |
| **Power Supply** | |
| **Power Input** | AC220V |
| **Operating Environment** | |
| **Operating Temperature** | -10℃~60℃ |
| **Storage Temperature** | -20℃~70℃ |
| **Working Humidity** | 10%RH~90%RH |

1551 mm

1314 mm

400 mm

426 mm

45 mm

206 mm