

# SPECIFICATION



**Product name:** UHF RFID GATE DEVICE

**Item No.:** LDR-G02

**Version:** V1.0

**Date:** 2019.10.29



## Quick Details

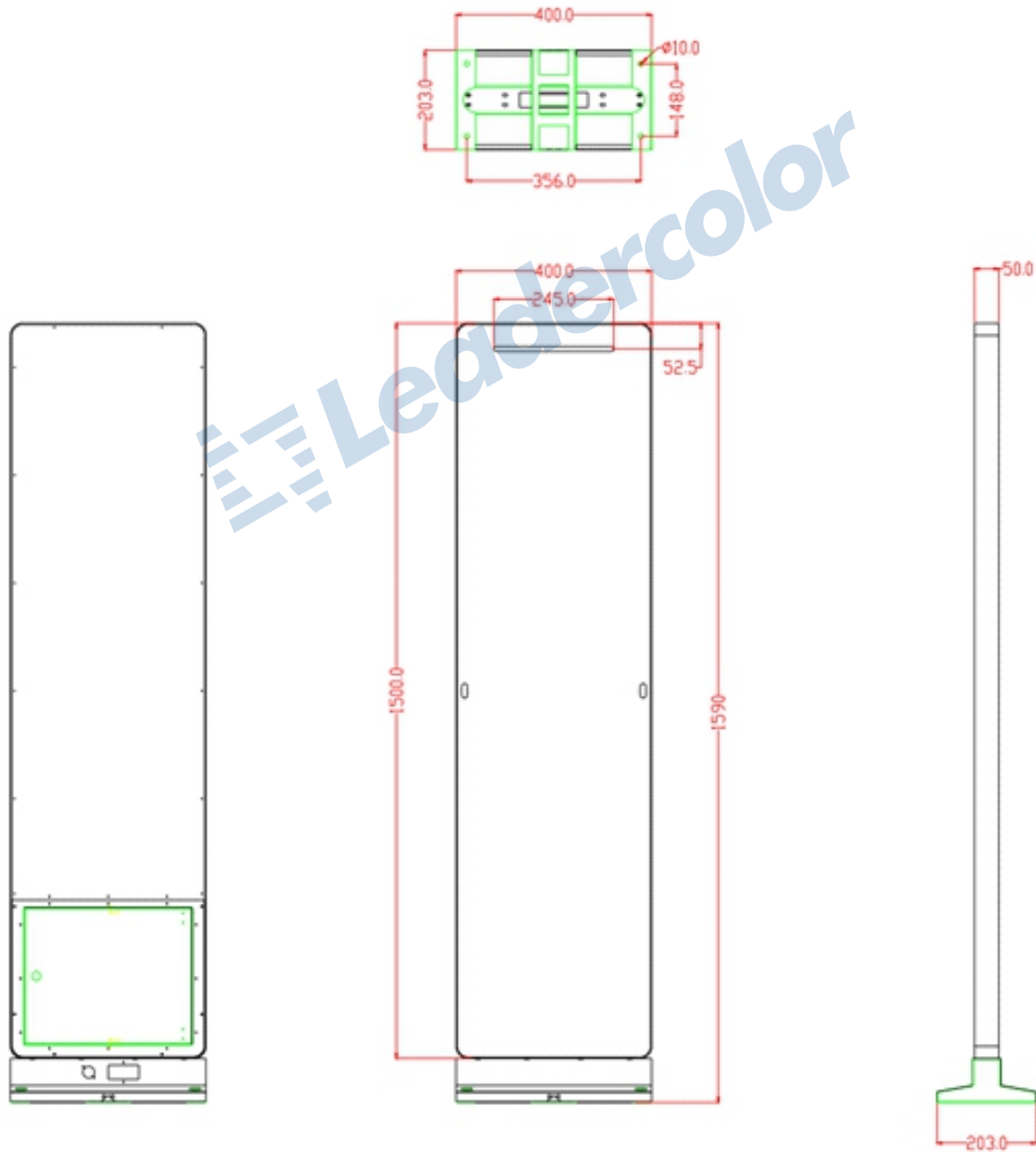
LDR-G02 UHF Gate is a high performance EPC C1G2(18000-6C) protocol UHF tag gate device. Designed upon fully self-intellectual property, it supports fast tag anti-collision operation with high identification rate. It can be directly connected to host, controller and other relative equipment. It can be widely applied in many RFID application systems such as logistics, open conference attendance system, open access control and industrial production process control. It support RS232, RS485. It can also be customized with Wifi and 4G communication.

## RFID Parameter

Model No.	LDR-G02
Size	1590*400*50mm (1 panel) 、 Base Box 203mm
Weight	24KG (1 panel)
Frequency	FCC: 902MHz~928MHz; ETSI: 865MHz~868MHz (Optional)
Support Protocal	ISO18000-6C/EPC C1G2、 ISO18000-6B (Optional)
Operating Temp.	-20°C~50°C
Storage Temp.	-30°C~70°C
Humidity	5%~95%RH
Power Supply	AC 220V±10%
Power Dissipation	<30W
RF Output Power	0-30dBm (Adjustable)

Effective reading distance	0-400cm(Adjustable)
Communication Interface	RJ45/RS232 (WiFi/4G Optional)
Mounting distance between cascaded panel	0.8~1.5m(Maxium 2.2m)
Housing	Acrylic & Metallic Material
Colour	Light Grey, white
Alam	Light & Buzzer

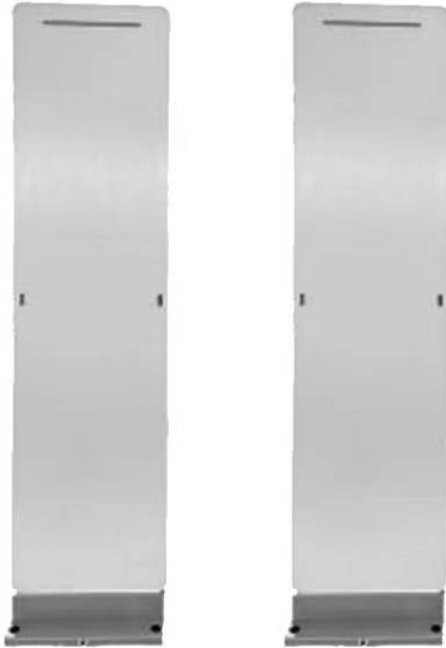
## Size



Gross Weight: 41kg including Wooden packing box Box

## Features

1. Self-intellectual property
2. Advanced UHF module, high identification rate
3. Support RS232 and TCPIP interface
4. Support buzzer and alarm
5. Support motion direction detection with embedded infrared sensor



## Components

1. Master Panel x1, Slave Panelx1
  2. 10dBi antennas x4 pcs, Feeder Linex4pcs
  3. Controller Board & Adaptor x1pcs (Optional)
  4. RFID Reader module x1pcs (Optional)
  5. Alarm Unit x1pcs (Device)
  6. Infrared Receiver Units x2Groups (Optional)
  7. Infrared Connecting Cable x2Groups
- LED Light (Red & Green) x2

