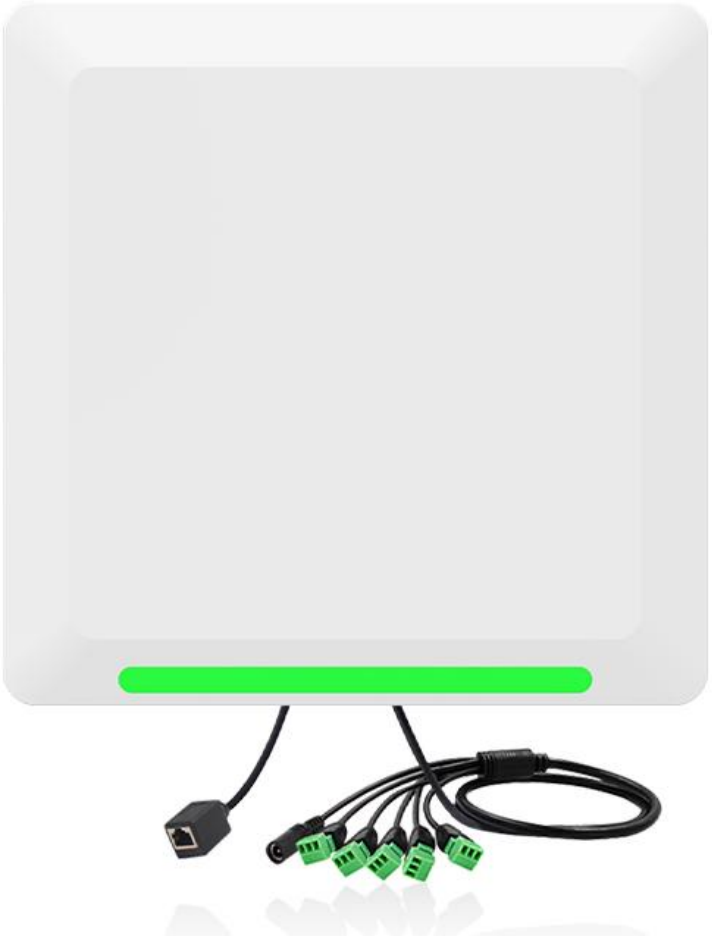
ACCESS Control system integrated reader

TD-GPA-A300



characteristic

- Built-in controller and vehicle management system
- RFID UHF long range reader can reach 15 meters
- Relays can supply power and trigger external devices to work
- Ready to use after installation, no secondary development required
- Application: residential parking lot, garage vehicle management, unattended operation, etc.

Product Specifications

RFID Technical Parameters

Frequency	902~928MHz (US) 865~868MHz (EU)
Protocol	ISO18000-6C (EPC GEN2)
RF output power	0dbm-33dbm (adjustable)
Built-in antenna	12dBi
Polarization mode	Linear polarization
Reading distance	0-15 meters
Working mode	Active mode Trigger mode Answer mode

Physical parameters

Material	ABS+die-cast aluminum back cover
Color	White
Dimensions	415*415*67mm
Net Weight	3.1kg
Packing Dimensions	63*50*13cm
Packing Weight	5kg

Data Communication

Standard interface	TCP/IP, Wiegand, relay, power port, GPI, RS485
Power supply	12V 2A
Card reading prompt tone	Buzzer
Indicator light	Strip light, red light & green light
Firmware version	Support online upgrade

Software Features

language	Chinese/English switch (Other countries can be customized)
Type of Charge	Monthly rental car, temporary car
Whitelist function	100000Pcs@96bit
Disconnected data cache	Support

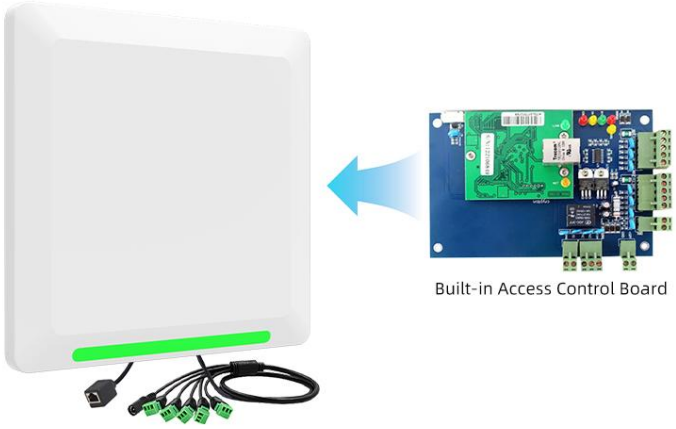
Work Environment

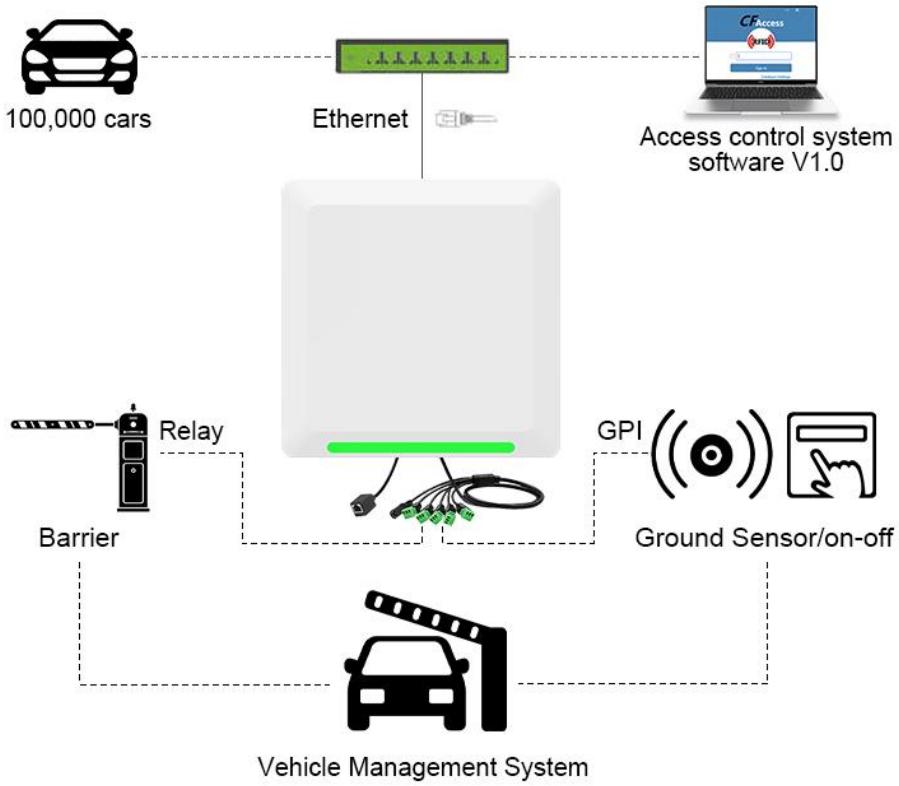
IP protection level	IP65
Operating temperature	-10~+55℃
Storage temperature	-20~+75℃

Details display



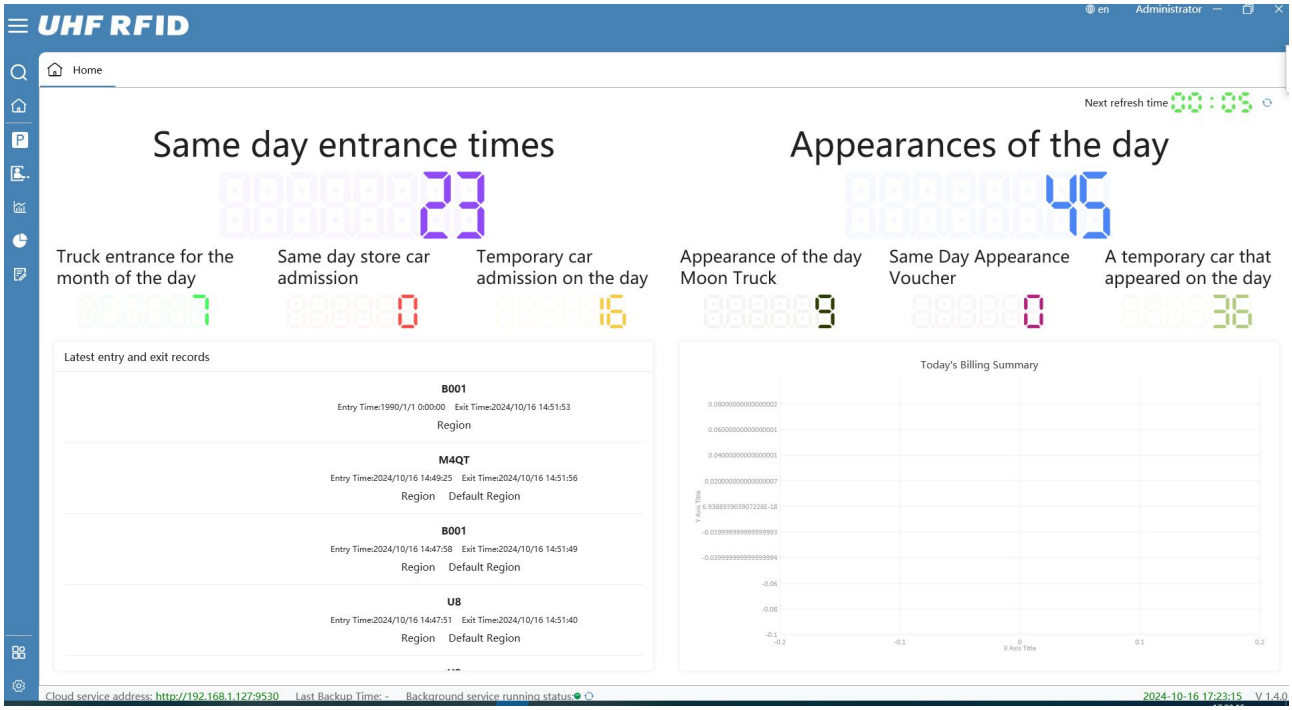
Power	DC+	
	DC-	
Ralay1	NO	
	NC	
	COM	
Ralay2	NO2	
	NC2	
	COM2	
WG	D0	
	D1	
	GND	
GPI	GPI1	
	GND	
	GPI2	
RS485	GND	
	RS485+	
	RS485-	


Built-in Access Control Board

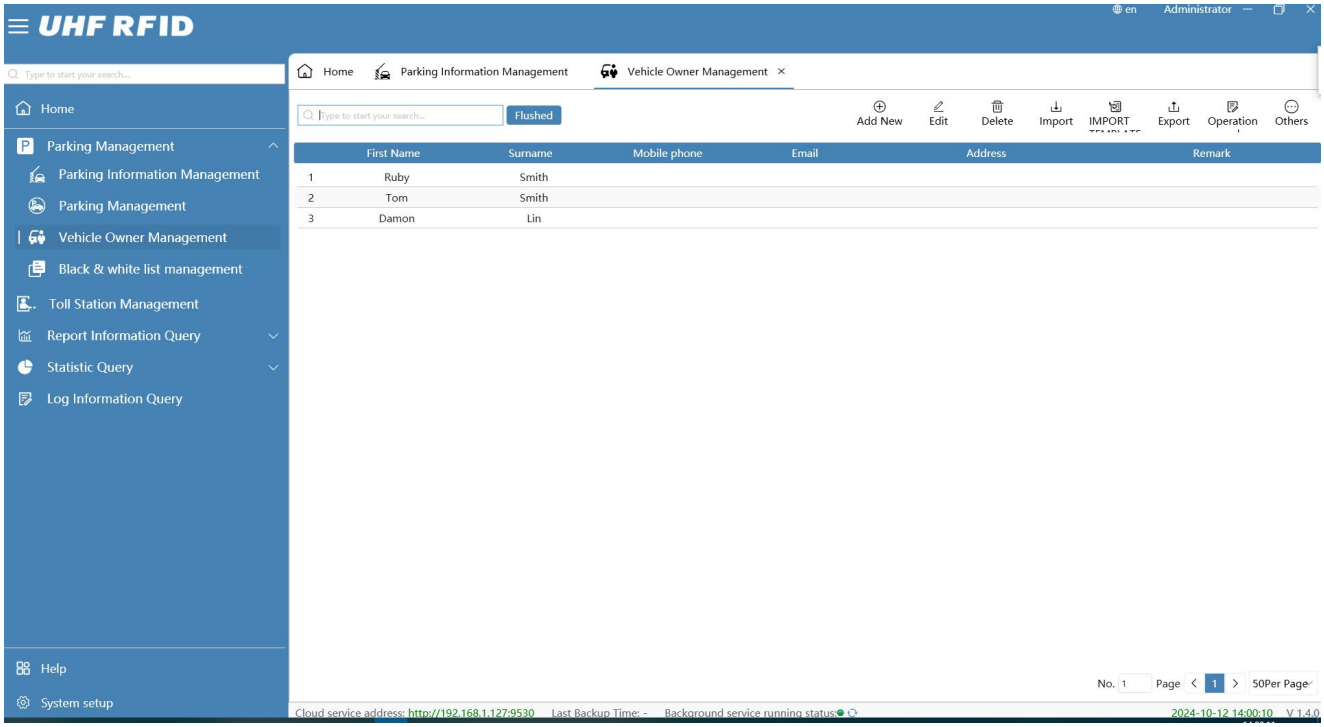

100,000 cars
Ethernet
Access control system
software V1.0
Relay
GPI
Barrier
Ground Sensor/on-off
Vehicle Management System

Basic software functions

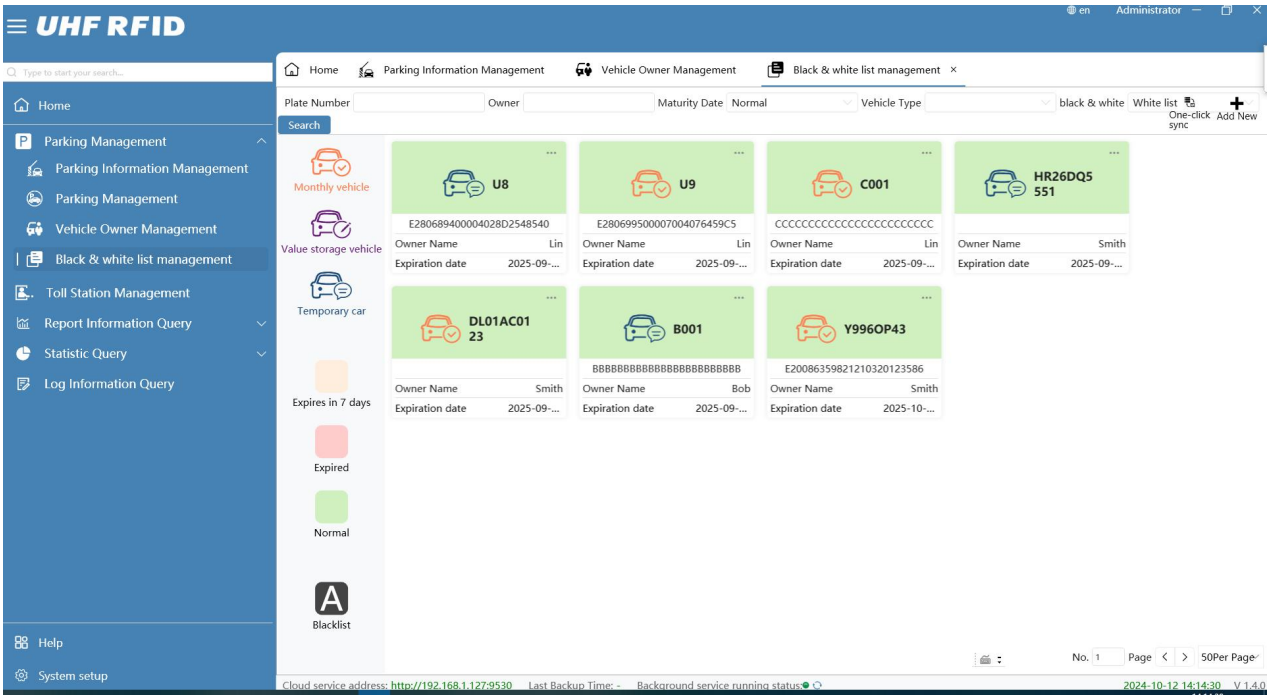
Main Interface



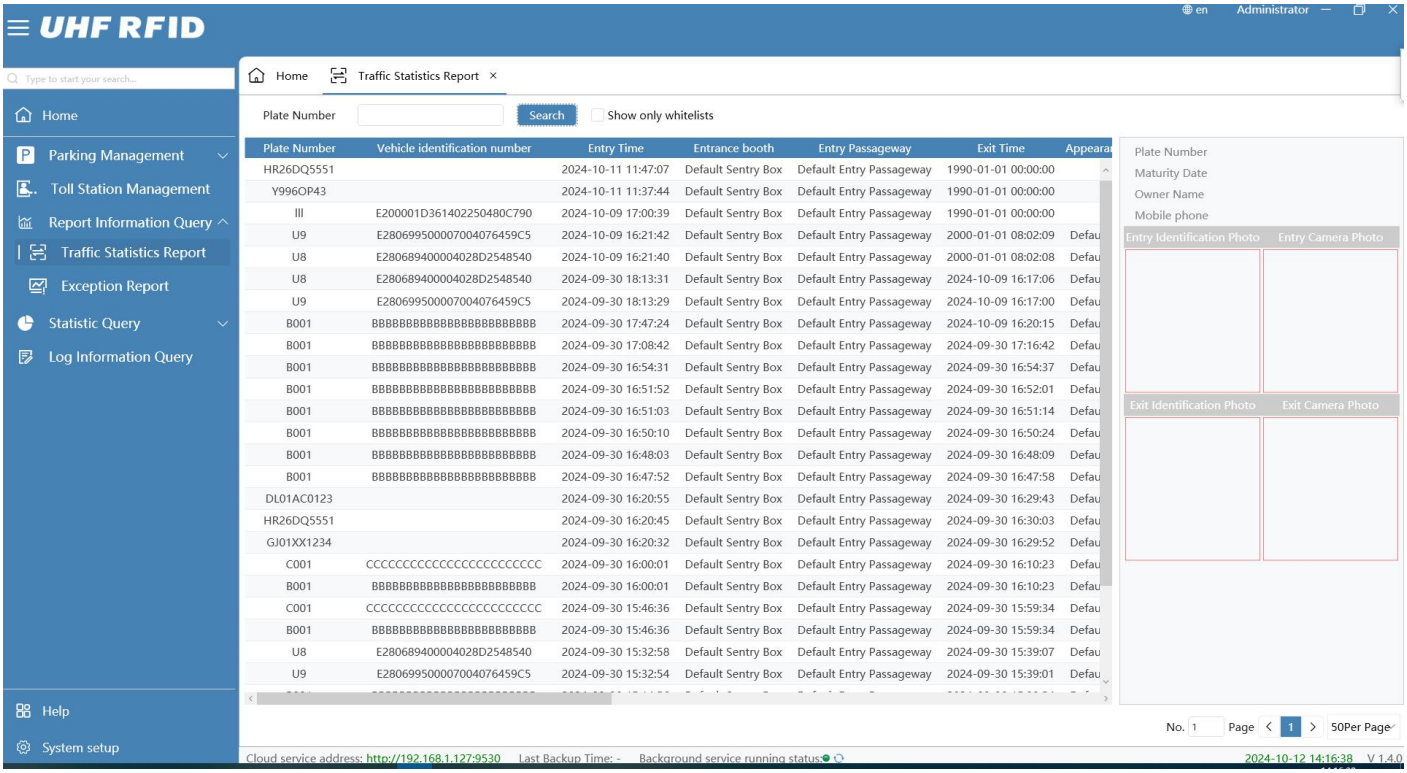
Car owner management



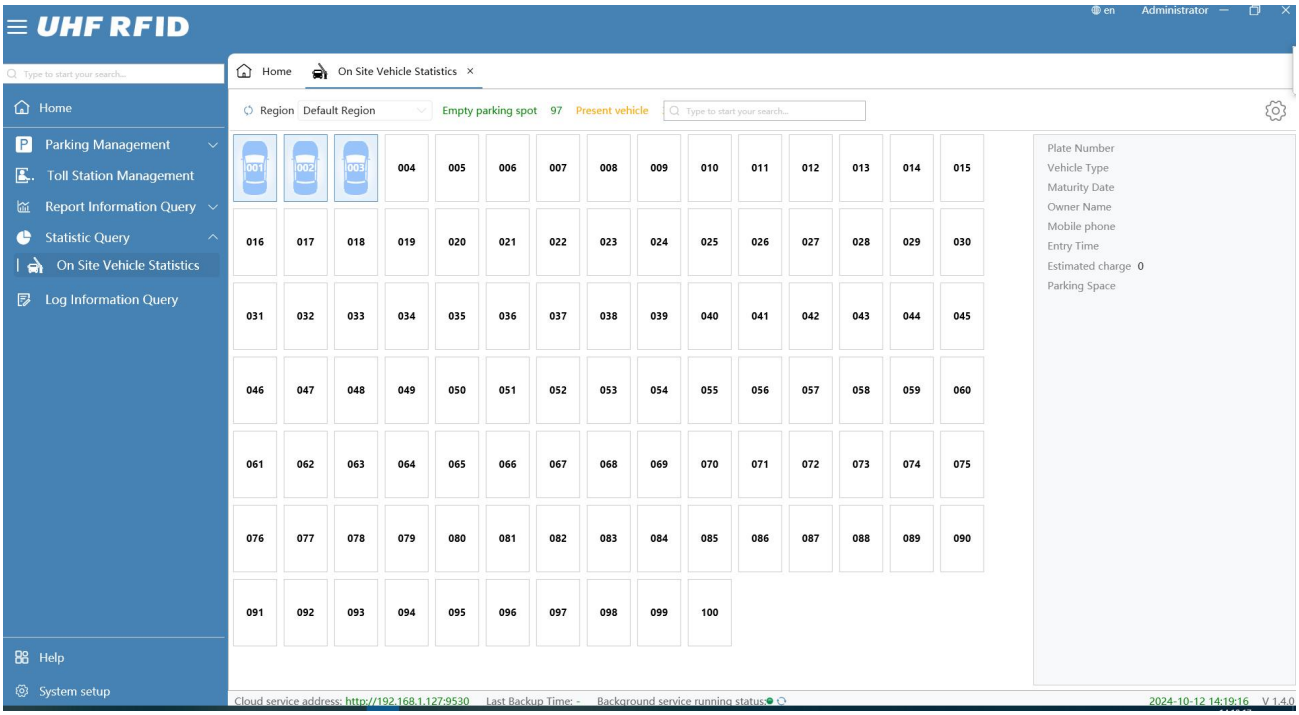
Blacklist and whitelist management



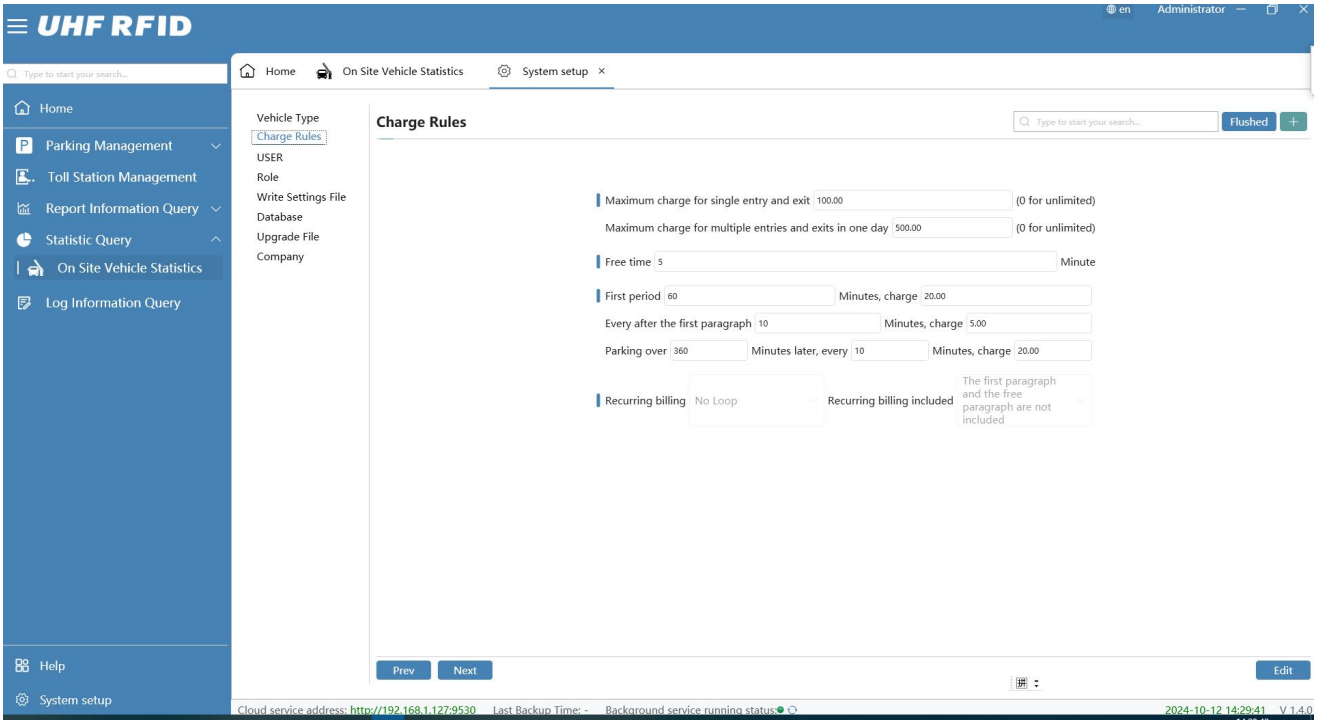
In and out records



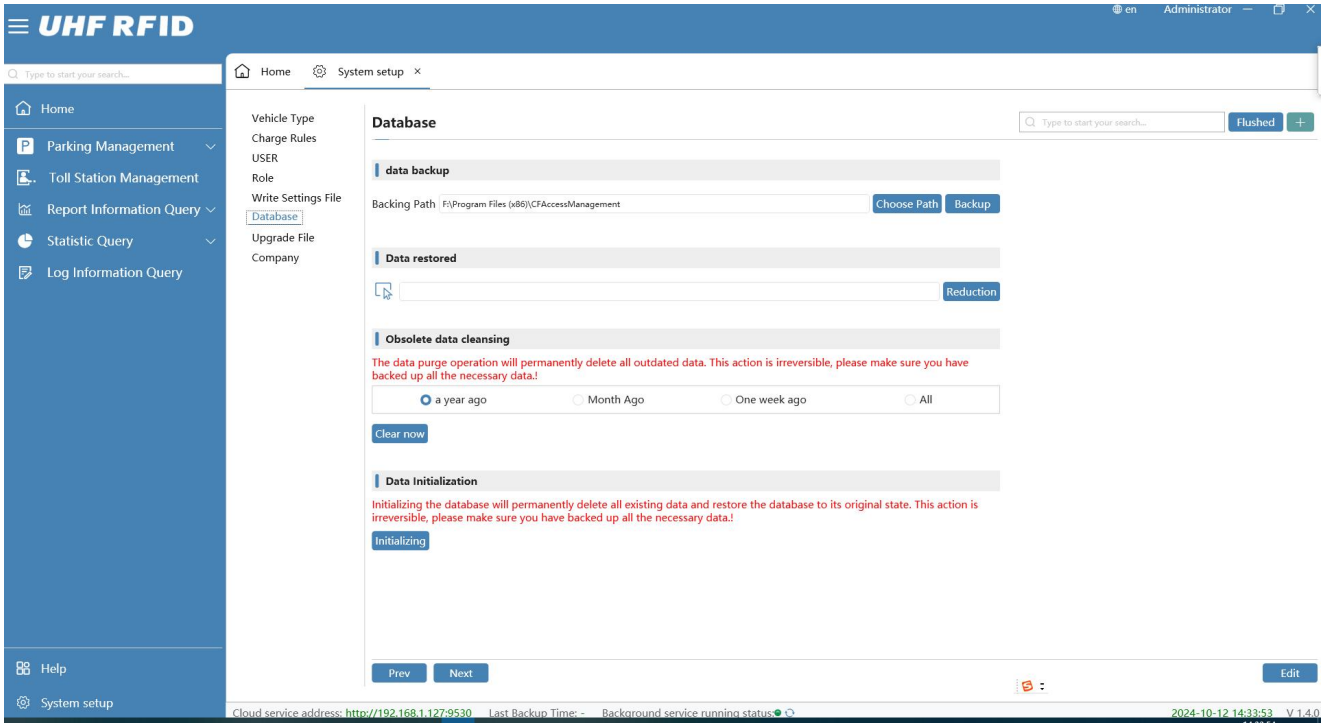
Vehicle statistics on site



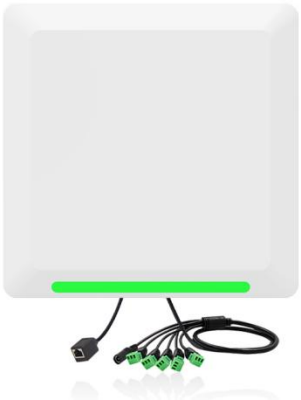
Charging Rules



Data backup



Related Products

Image			
Model	A100	A200	A300
Output RF Power	0dbm ~33dbm (adjustable)		
Reading Range	0~6 meters (depending on the tag & application environment)	0~10 meters (depending on the tag & application environment)	0~15 meters (depending on the tag & application environment)
Gain	6dBi	9dBi	12dBi
Polarization	Circular Polarization	Circular Polarization	Linear polarization
Dimensions	220*220*56.4mm	305*305*75mm	415*415*67mm