

SEWO Long Range UHF RFID Parking System with Vehicle Access Control and Remote Wired RS485 Control

Our Product Introduction

for more products please visit us on turnstilebarriers.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: SEWO
- Model Number: T911, T902
- Minimum Order Quantity: 1

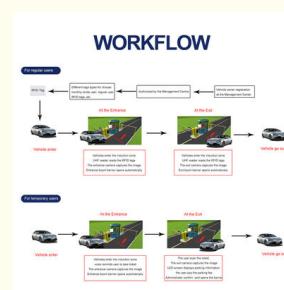


Product Specification

- Load Capacity: Long Range UHF Reader
- Control Type: Remote/ Wired/ RS485
- Operation Mode: Remote Controller ; RFID Tags
- Communication Protocol: TCP/ IP / RS232/ RS485/ Weigand26
- Processor: 32bit Cortex-M3
- Reading Speed: 10-40 Km/h
- Reading Distance: 1-15 M (adjustable)
- Excitation Angle: 120°
- Output Mode: WG26/WG34/RS485/RS232
- Power Supply: DC 12V/3A
- Dimension: 255*255*55mm | 460*460*50mm
- Working Frequency: ISM902~928MHz
- Reading Distance Range: 1-6 Meters | 6-12 Meters
- Operating Temperature: -30 °C ~ +70 °C
- Working Environment: Indoor, Outdoor



More Images



Product Description

SEWO Automatic RFID Parking Equipment Card Parking Management System

Product Introduction

The SEWO RFID UHF Long Range Reader for Parking Lot Management is a high-performance Multiple Protocol UHF RFID Reader. Utilizing proprietary digital signal processing algorithms, it supports fast tag read/write operations with high identification rates. Ideal for various RFID applications including logistics, access control, attendance systems, anti-counterfeit measures, and industrial production process control.

Key Features

- Optical excitation, CDMA, sleep/wake up, wireless communications, CPU automatic recognition
- 32bit Cortex-M3 Micro processor
- High reading speed - cards can be read at 10-40 km/h without vehicle stop
- Long range reading distance: 1-15 m (adjustable)
- 120° optical excitation range with excellent directivity
- Advanced CDMA communication technology prevents interference between adjacent lanes
- No need to stop or open windows to read cards
- Adjustable reading direction
- Output modes: WG26/WG34/RS485/RS232

Product Images

SEWO

UHF LONG RANGE READER

SMART PARKING MANAGEMENT SYSTEM





Regular Users Manage

Visitors Management



UHF Long Range



RFID Tag Reader



Various Solutions Optional Waterproof & Dustproof



UHF LONG RANGE READER

Working Frequency: standard ISM902~928MHz and ISM865~868MHz,
other currency can be customized



MIDDLE LONG-RANGE CARD READER

Adjustable long range reading distance is 0~6 meters



SPECIFICATIONS

SEWO-T911

- * Reliable reading distance: 6-12 meters.
- * Working frequency range: 902~928MHz
- * Product size: 460 × 460 × 45mm
- * Working voltage: DC12V
- * Maximum power consumption: 5W
- * Working temperature: -25 °C~75 °C
- * Antenna gain: 12dbi horizontal polarization
- * Antenna power: 1W (adjustable)
- * Data interface: RS232, RS485, Wiegand26/34
- * External input: 1 external trigger signal input
- * Electronic Tag Recognition speed:>120km/h



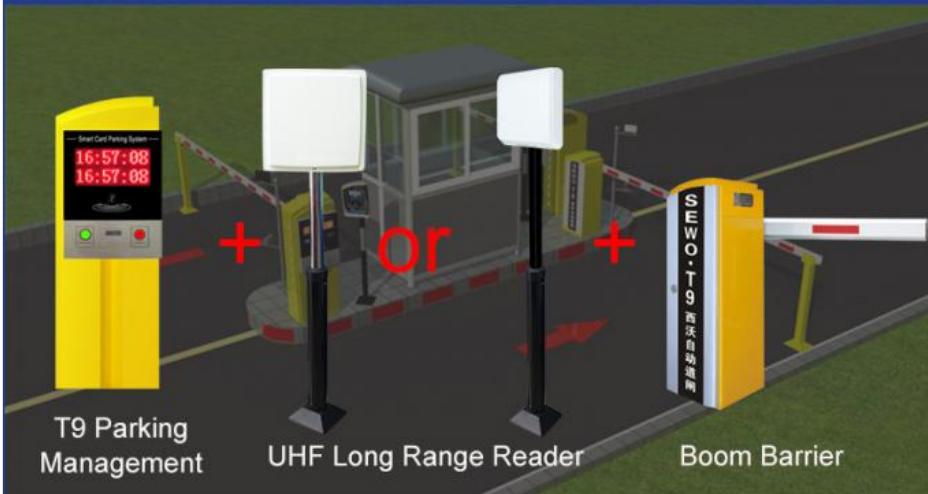
SEWO-T902

- * Reliable reading distance: 0-6 meters.
- * Product Size: 218 * 218 * 28mm
- * Working frequency range: 902~928MHz
- * Antenna gain: 5dbi horizontal polarization
- * Voltage: 12VDC ± 10%
- * Power consumption:<3W
- * Working temperature -40 °C~+85 °C (industrial grade)
- * Communication interface: Wiegand 26/34/42 /44; RS232; RS485 10/100M Ethernet (optional)
- * External input: 1 external trigger signal input
- * Electronic Tag Recognition speed:>120km/h

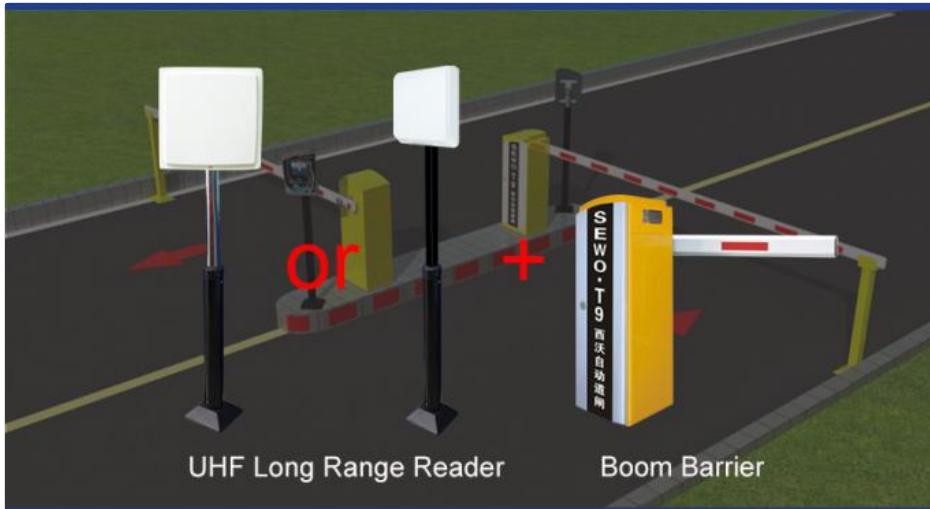


SOLUTIONS SAMPLE

Multiple collocation patterns for different parking lots
management system solutions

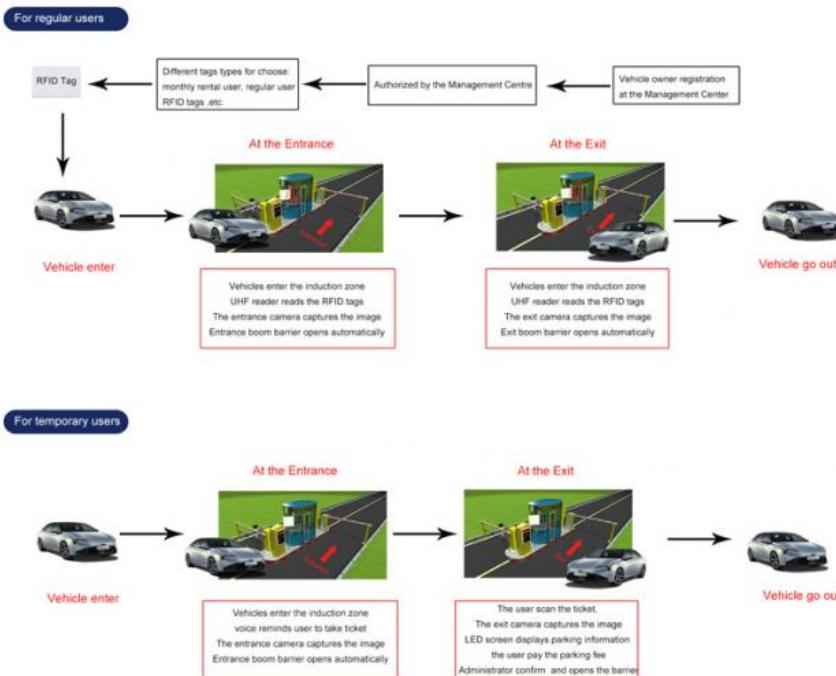


⚠ It can be used for toll parking lots equipped with
monthly rental card, stored-value card or temporary
parking pass.



⚠ It can be used for private parking or staff parking equipped with monthly rental card, stored-value card or staff parking pass.

WORKFLOW



WHY CHOOOSE IT ?

ADVANTAGE OF THE UHF PARKING SYSTEM

Reliable System

Multiple Manage Modes



BOOM BARRIER

Multiple styles available

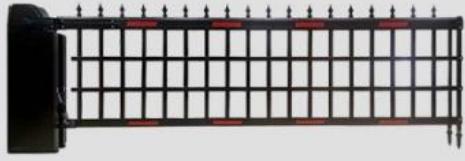


01

Adversting
Boom Barrer

02

Heavy Duty
Boom Barrier



03

Boom Barrier
(Straight Arm)

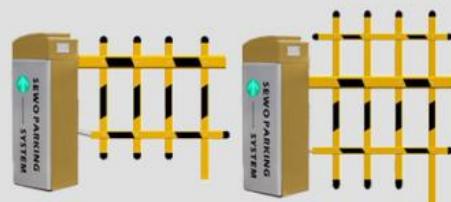
04

Boom Barrier
(Foldable Arm)

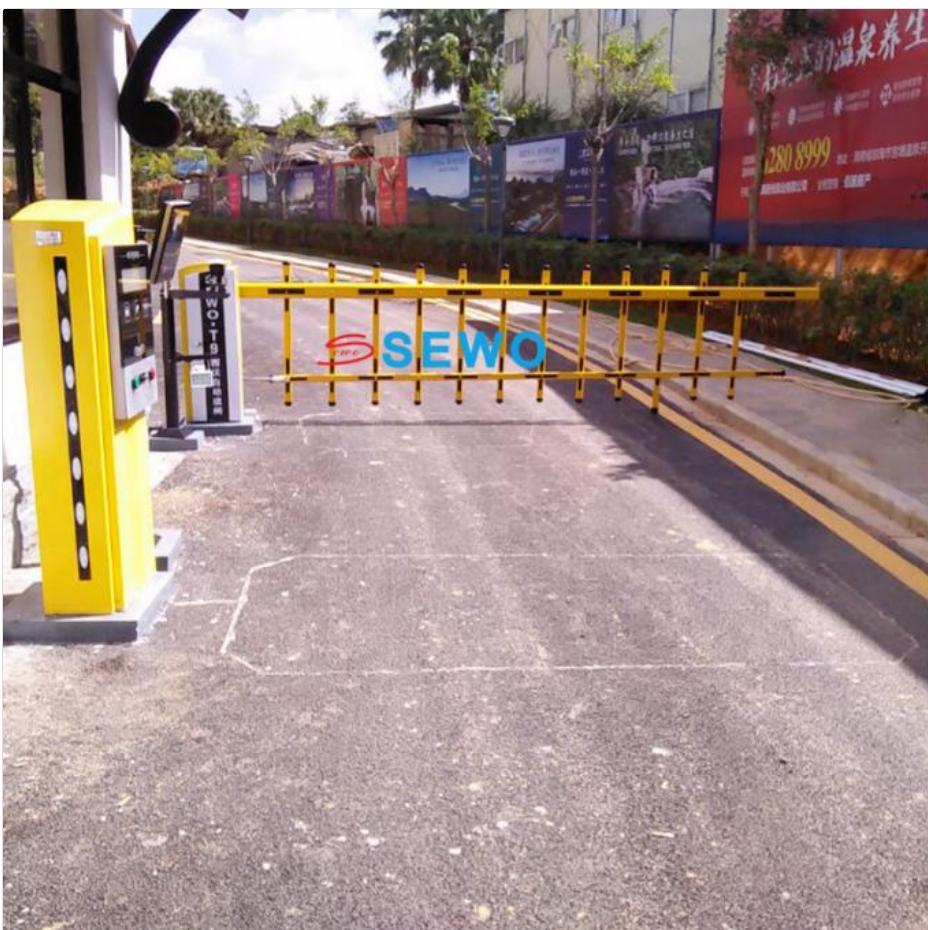


05

Boom Barrier
(Fence Arm)







Technical Specifications

Product Name:	SEWO Long Range UHF Reader
Model No.:	SEWO-T902 SEWO-T911

Power Supply:	DC 12V/3A
Dimension	255*255*55mm 460*460*50mm
Working Frequency	ISM902~928MHz
Reading Distance	1-6 meters 6-12 meters
Communication Port	WG26/WG34/RS485/RS232
Operating Temperature	-30°C ~ +70°C
Working Environment	Indoor, Outdoor

Company Profile

Shenzhen Sewo Technology Ltd. is a professional high-tech enterprise specializing in the development, manufacturing, marketing, and service of Smart Parking Management Systems, Flap Barriers, Tripod Turnstiles, Swing Gates, Parking Guidance Systems, Barrier Gates, Parking Locks, and Access Control Systems.

Founded in 2003, our brand "SEWO" ranks among China's top 10 parking system brands. With nearly two decades of steady development, our R&D team continuously creates high-quality products and services. Our

products are certified with "CE" and "ISO9001:2008" standards and serve customers worldwide including enterprise institutions, government agencies, transportation companies, and commercial organizations.

We have established extensive sales and service networks across Southeast Asia, the Middle East, Africa, Europe, and America. Committed to "Sincerity as the essence of enterprise; High quality as the way of existence," we welcome global customers and agents to join us in building an intelligent, safe, and convenient society.

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Frequently Asked Questions

What is the strength of your company in this industry?

Our company has focused on innovation since its foundation in 2003. The SEWO brand ranks among China's top 10 parking system brands, recognized for quality and reliability.

What are your advantage products?

We specialize in comprehensive parking and access control solutions including Smart Parking Management Systems, Flap Barriers, Turnstiles, Swing Gates, and related security products.

How about the quality of your products?

Our products meet "CE" and "ISO9001:2008" international standards. We've received honors including "China Top 10 Parking Management System Supplier" and "AAA grade quality enterprise."

Do you support customization requests?

We offer OEM/ODM services with over 20 years of industry experience, providing not just products but complete smart access management solutions.

What is your after-sales service policy?

We provide lifetime technical support through our global network of branch offices and agents across Southeast Asia, the Middle East, Africa, Europe, and America.

What is your delivery time?

Regular products ship in 5-10 working days. Customized products typically require 15-20 working days, depending on specifications.



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