Bluetooth Long Range Parking Management System

i.timex™ HARDWARE

Product Description

The intelligent parking system integrates the Bluetooth long-distance card reader, card issuer and bluetooth card in one system to create an efficient and convenient parking environment and a parking experience that is more catering to the needs of our users. The Bluetooth long-distance card reader adopts advanced technology of CDMA Bluetooth communication. It can read the card efficiently, and the card reading distance can reach 20 meters. The card reading and the subsequent gate opening process can be completed as the car is travelling at a speed of 10-40 kilometers (that stopping in front of the car reader is no longer required), this improves the efficiency of vehicle entry and exit. In addition, there is no mechanical contact between the card and the card reader, which avoids the malfunction of the gate during the gate opening process due to the failure of the card reading or writing. At The same time, this system also realizes the ideology of unmanned systems and automation, creating a modern and advanced parking lot management system for customers as well as cutting down the expenses for maintenance and management .

Main Feature

Adoption of advanced CDMA communication technology: With dynamic encryption technology, adjacent lanes do not interfere with each other. It is also equipped with the wake-up function of the dormant device which is strongly confidential. Nonetheless, the use of power is efficient, the super penetration feature is also added to the device that the penetration of any glass window with explosion-proof membrane is enabled. Moreover, the integration system design avoids the decrease in compatibility between different systems .

The long-distance card reading can reach 20 meters. The card reading process is convenient and flexible. The automatic card reading can be carried out without parking or the opening of the car window. Nevertheless, it has a good directivity and is not affected by unfavourable environmental factors. It is compatible with all the existing parking system of any brands. It is convenient to operate, with higher effectiveness and allow the reduction of labour cost.

Specifications

Bluetooth Vehicle Identification Reader (20 Meters)	Model	IOT-CAR-CDMA380-M
	Frequency	433MHZ
	Infrared Frequency	38KHZ
	Reading Speed	1 second(Adjustable)
	Reading Distance	1 ~ 20 Meters (Adjustable)
	Directivity	65°
	I/O Output	1 relay output,5V
	Reader in	Wiegand 32-bit
	Output Format	Wiegand 32-bit
	Protocol	Wiegand 32-bit ,RS232, RS485
	Identification Protocol	CDMA
	Weatherproof	IP66
	Voltage / Current	DC12V-18V, 3A
	Power	12W
	Operating Temperature	-30℃ - 75℃
	Operating Humidity	Max. 95%
	Material	Cover ABS
	Dimension	1360 x 260 x 105mm
	Weight	6.5kg
Bluetooth Tag Register Device	Model	IOT-CAR-CDMA380-RG
	Frequency	433 MHz
	Identification Protocol	CDMA
	Voltage / Current	DC12V-18V， 2A
	Power	12W
	Operating Temperature	-30℃ - 75℃
	Operating Humidity	Max. 95%
	Dimension	160 x 170 x 30mm
	Weight	500g
Bluetooth Encryption Tag	Model	IOT-CAR-CDMA380-Card
	Frequency	433 MHz
	Identification Protocol	CDMA
	Dimension	66 x 47 x 7mm
	Weight	33g
	Installation Method	Bracket or 3M adhesive

All specifications may change without prior notification.