433MHz Long range Bluetooth RFID Card Reader
Technical Datasheet

Model: CP-RF-LC433D   /CP-RF-LR433D

433MHz long range Bluetooth RFID reader for parking system also has following titles: car parking management system, parking control system, parking partner, car parking lot system, car parking device, car parking equipment, car security system, smart car parking, intelligent parking system, automated parking management system, auto parking system, automatic parking system, mechanical parking system ,advanced parking system, efficient parking system, RFID/paper ticket(barcode)parking system, RFID long range card parking system, middle-distance parking system ,Bluetooth long distance parking system, electronic tag parking system.

Product Description:
CP-RF-LR433D is a high performance, good price 433MHz long range Bluetooth RFID card reader, reading distance up to 20m, widely used for RFID Radio Frequency Identification system and project, such as Automated parking management system, Personal identification, Access controller, Production Access control, etc.

Product Advantages:

Strong directional fit for various angles

Universal joint ,360 degree rotation

Induction zone: strong anti-jamming signal, read card fast.Long distance, good directionality

Stretching support (stainless steel) :Column height can be adjusted up and down, the highest adjustable 1.9 meters, suitable for large, medium and small vehicles

Capability specifications:

Name	Outdoor long range Bluetooth RFID card reader
Mode	CP-RF-LC433D
Dimension	255*230 *40(mm) for reader housing
Material of housing	ABS
Color or housing	Silver/black color-way,(OEM available)
Support	433MHz active RFID card
RF Frequency	433MHz
Working mode	read-write in real time (with CDMA module)
Read time	<0.1s
Baud Rate	9600-115200
Power Supply	12V,3A
Consumed Current	70mA
Operating Distance	1m to 20m
Interface	Wiegand 26bit, RS485 for optional
Stander	Adjustable stander,highest adjustable 1.9 meters
Battery	CR3240 button cell
Battery life	505,000 (handheld)
Service Temperature	-10~ +70 degree
Store Temperature	-20 ~ +80degree

Main Features:

1. Optical excitation, CDMA, sleep/wake up, wireless communications, CPU automatic
2. Recognition and so on cutting-edge high-tech crystal
3. High Reading speed, card can be read in 10-40 km/h without vehicle stop
4. Long range reading distance, 1-20m (depend on card)
5. With good directivity, optical excitation range can be up to 360°
6. Advanced CDMA communication technology for use and no interference between adjacent lanes, 433MHz can use for many countries.
7. No need to stop and no need to open the window to read card, benefit for drivers.

8. Reading direction can be adjusted discretionarily

9. Communication output as Wiegand 26bits, easy for use.

10. With dynamic key encryption and authentication, can prevent link hacking and data decrypt to make the data safe.

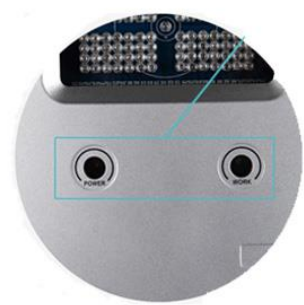**433Mhz Bluetooth Card:**

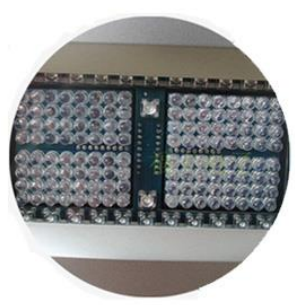**Pictures for reference:**

Universal joint ,360 degree rotation

Infrared sensor lamp

Signal Lamp

Bluetooth Card reader Application