Specification for anti-collision radar sensor

Model No： BLS-R188

Version： V3.0

Product Overview

The gate anti-collision radar BLS-R188 is a new type of vehicle detector, which adopts microwave broadband technology and high-speed digital signal processing technology. It is suitable for the vehicle supervision and detection at the entrance and exit of parking lots or underground garages and toll stations, is an indispensable and important part of intelligent parking system and toll system. Compared with the traditional sense of land, it has the following characteristics and advantages.

Product Features

- ✓ Adopting 79GHz MMIC technology, the detection accuracy is higher and the target is more stable
- ✓ Environmental adaptability design, equipment can adapt to multiple usage scenarios
- ✓ Bluetooth mobile connection, setting various parameters intuitively in the applet, online debugging to radar, software upgrade
- ✓ Can identify a variety of targets, not only vehicles, but also pedestrians, effectively prevent people from being hit by the gate pole
- ✓ Using LED lights to display the working status of the radar, which is more intuitive
- ✓ Automatically adapt to the installation environment, with strong versatility
- ✓ The recognition distance of the radar can be set, and the set configuration parameters can be automatically memorized
- ✓ Conveniently install and maintain the radar, can be installed by a single person quickly without destroying the ground
- ✓ Can adapt to a various weather, and is not affected by electromagnetic interference, light, dust, rain and snow and other external environment

Technical Data

Indicator Parameter	Data
Working voltage	+9~+24V DC，
Electric current	≤200mA@12V
Operating frequency range	77~80GHz
Response time	<75ms
Support pole length(lane width)	1~6m（Settable）
Anti-smashing area	Horizontal 0.5-1. m（Settable）
Detection target	Vehicles, pedestrians
Debugging method	Bluetooth
Online update	Bluetooth
Horizontal view	±40°
Pitching angle of view	±15°
Working temperature	-40℃～+85℃
Overall dimension	Φ107.9mm×22.8mm
Protection grade	IP66