VR30

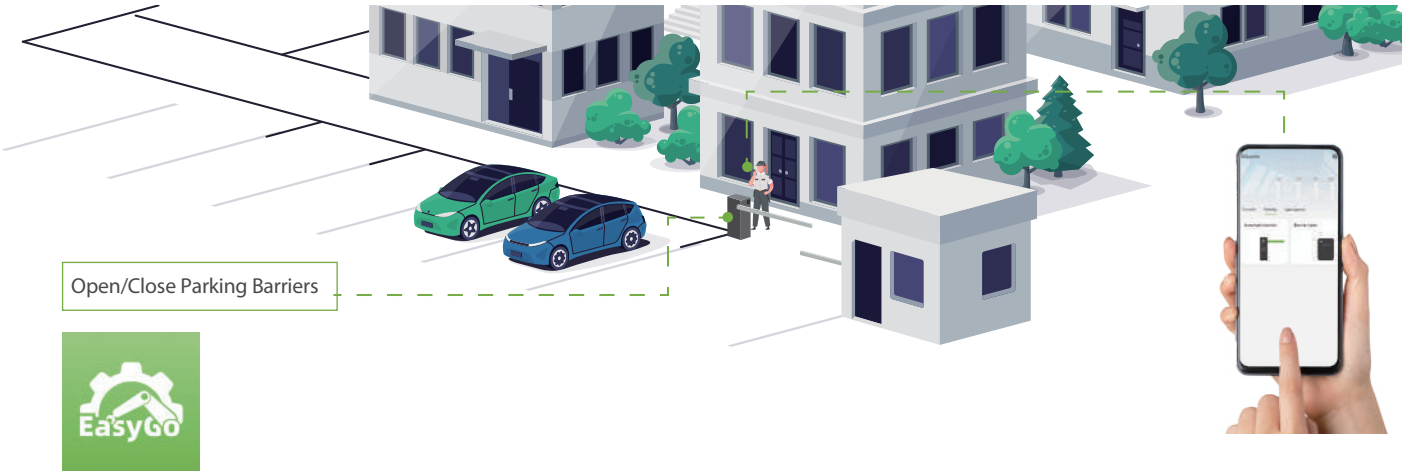
79GHz Millimeter Wave Barrier
Anti Smashing Sensor

The VR30 is a 79GHz millimeter-wave barrier anti smashing sensor with high measurement accuracy. It can replace traditional induction loops and connect to the barrier control system.
When a vehicle enters the detection zone, it keeps the barrier open. When the vehicle passes through and exits the safety zone, it triggers the barrier to close.

Features

- High detection accuracy
- Vehicle/pedestrian detection accuracy >99%
- Easy installation and maintenance, close to "zero construction"
- Can prevent both vehicle and pedestrian crushing

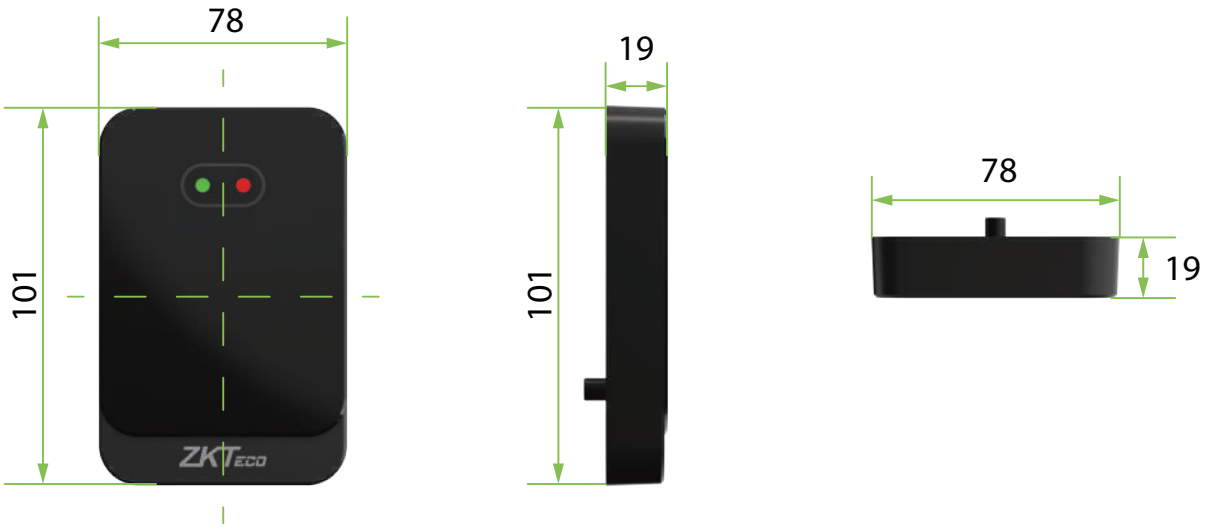
• The VR30 sensor can be connected to the ZKEasyGo APP, making it convenient for professional debugging personnel to simplify device debugging operations.



Specifications

Model	VR30
Operating Frequency	79GHz
Modulation Mode	FMCW
Antenna MIMO	2T3R
Transmitting Power	10dBm
EIRP	24dBm
Antenna Gain	14dbi
Azimuth Field of View	-60° to 60°
Vertical Field of View	-10° to 10°
Maximum Detection Distance	7m
Operating Temperature	-40°C to 85°C
Operating Voltage	DC12V
Power Consumption	˜1.3W
Net Weight	197g
Package Dimension (W*L*H)	120 * 90 * 26mm
Dimension (W*L*H)	163 * 124 * 76mm
Online Debugging/Upgrading	Bluetooth

Dimensions (mm)



Application Installation

Please go to the APP Store or Google Play and search "ZKEasyGo" for downloading it.

iOS 12.0+

Download on the App Store

Android 10+

GET IT ON Google Play

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