

# VR30

79GHz Millimeter Wave Barrier  
Anti Smashing Radar



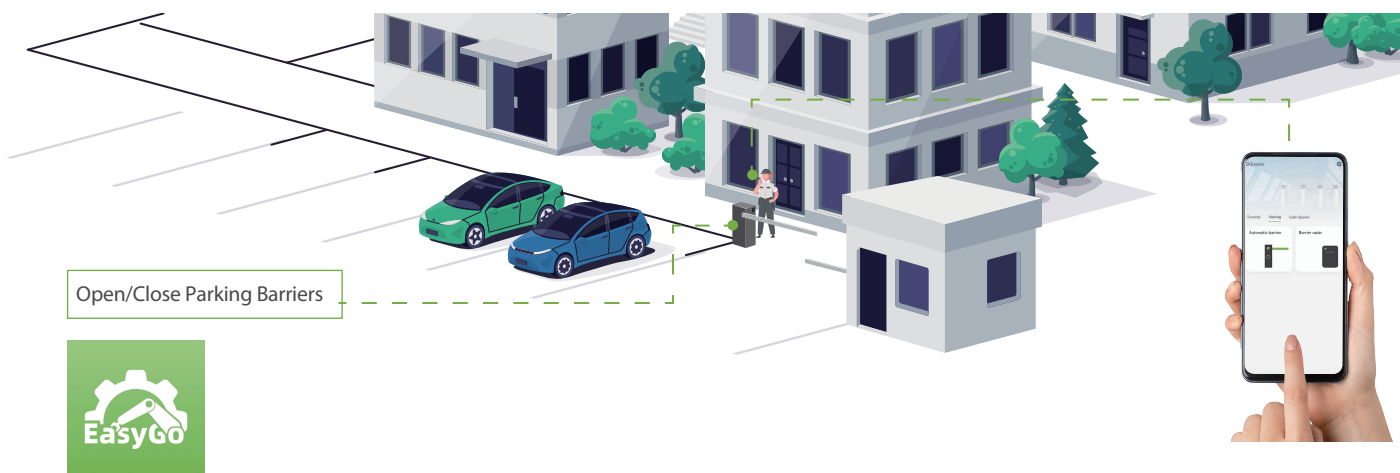
The VR30 is a 79GHz millimeter-wave barrier anti smashing radar with high measurement accuracy. It can replace traditional induction loops and connect to the barrier control system. When a vehicle enters the detection zone, it keeps the barrier open. When the vehicle passes through and exits the safety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



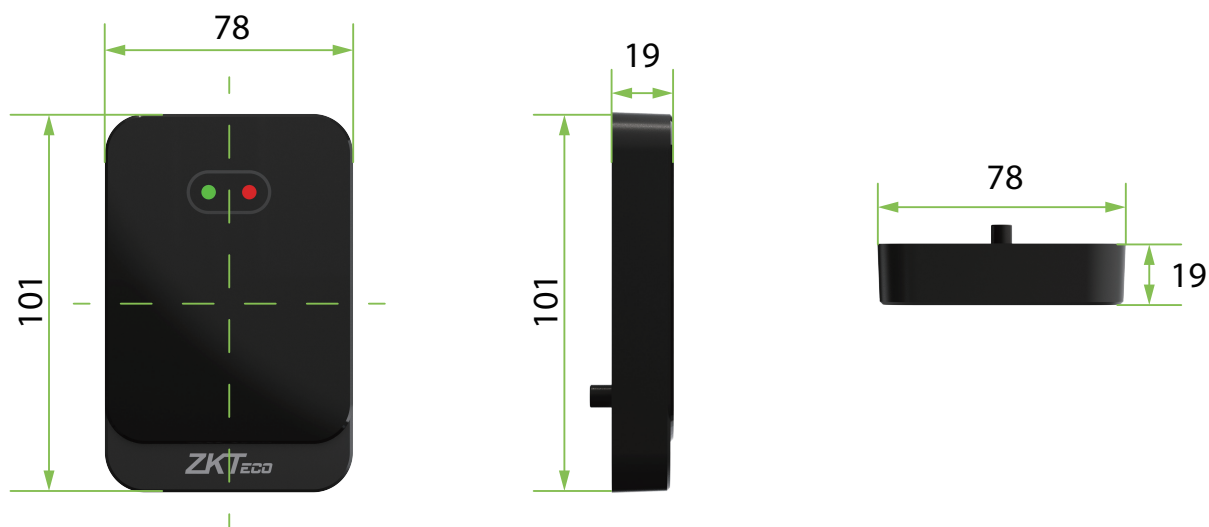
- The VR30 radar can be connected to the ZKEasyGo APP, making it convenient for professional debugging personnel to simplify device debugging operations.



## 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+



Android 10+

