

# VR10 Pro

## Rader for the Boom Barrier

### Parameter Settings with an App



VR10 Pro is the second generation of ZKTeco radars developed to detect and identify various vehicles (motorcycles, cars, trucks, etc.) and pedestrians near the barrier gate.

Through linkage with the main board of the barrier gate, VR10 Pro can help prevent vehicles from smashing into any obstacles or damaging any properties or passers-by while allowing automatic boom closing. Compared to the loop detector, it offers flexible installation and lower labor costs. Also, users could set parameters of VR10 Pro with a mobile app [Radar Assistant] when connected it to Bluetooth.

## Features

- Vehicles and pedestrians detection
- Supports Bluetooth communication, allowing upgrade and debug with a mobile App(Radar Assistant)
- Supports RS485 communication, allowing upgrade and debug with a PC
- Flexible installation
- Works normally under ambient weather conditions (IP67)
- Detection distance adjustable from 1m to 6m
- Different types of booms available: straight boom (default), folding boom, fence boom, and advertising boom (optional)

## Introduction of the Radar App [Radar Assistant]

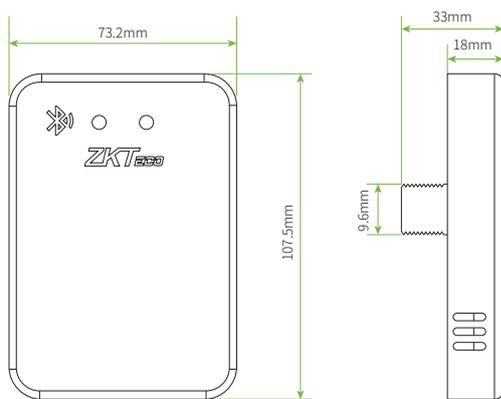
- Supports Android and iOS systems
- One-click connection with the radar on a mobile phone; Bluetooth communication distance ranges from 3m to 5m
- The radar detection distance, background recording, radar status, radar rebooting, and other parameters can be set with the mobile app
- Firmware upgrade can be done with the app too



## Specifications

Model	VR10
Detection Distance	1m to 6m
Working Frequency	79GHz
Working Voltage	DC 10V to 16V
Working Current	0.2A
Power Consumption	≤ 2.5W
Transmitter Power Output	12.5dBm
Antenna Gain	10dBi
Interface	Bluetooth, RS485, Relay
Product Dimensions (mm)	107.5*73.2*18
Package Dimensions (mm)	166*94*97
Net Weight	228.4g
Working Temperature	-40°C to 85°C
Protection Standard	IP67
Supported App	Radar Assitant

## Dimensions (mm)



*Note:* Currently supports straight booms (default), folding booms, fence booms, and advertising booms (optional). Not suitable for sliding doors.

When the vehicle speed exceeds 15km/h, the radar could not detect the vehicle.

## Application Installation

iOS: Please go to the App Store and search "Radar Assistant" for downloading it

Android:

