# VR10 Pro

## Radar for the Parking 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
• Supports straight boom

## Introduction of the Radar App (Radar Assistant)

• Supports Android and iOS systems
• One-click connection with the radar on a mobile phone by Bluetooth
• 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

# Specifications

| | |
|---|---|
| Model | VR10 Pro |
| Detection Distance | 1m to 6m |
| Working Frequency | 79GHz |
| Working Voltage | DC 10V to16V |
| 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℃ to 85℃ |
| Protection Standard | IP67 |
| Supported App | Radar Assitant |

# Dimensions (mm)
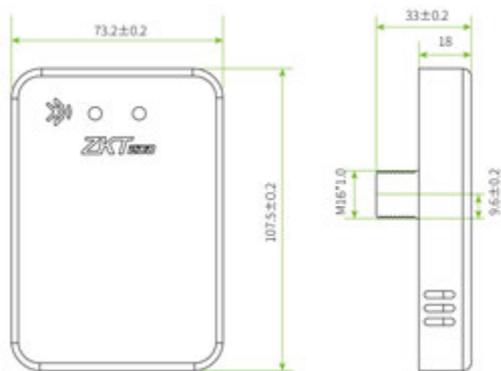


Note: Supports straight booms

The maximum speed of vehicles is 15km/h.

# Application Installation

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

Android:

CE