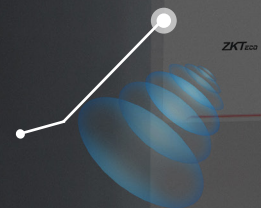




UHF5 Pro



UHF10 Pro



UHF5 Pro and UHF10 Pro are ZKTeco's third-generation UHF readers, with much stable performance, longer reading distance, and faster recognition speed.

The UHF reader is equipped with the passive UHF card function, which could be widely used in Vehicle Management and Personnel Management applications.

The product also meets the CE, FCC technology requirements.

## Features

- Support two working modes: Trigger to Read & Always Read (Default)
- Support different wiegand data output (Wiegand 26 by default)
- LED at the bottom of readers indicating the reading status



(7-color indicators: red, green, blue, yellow, cyan, purple, white)

- Multiple communication modes, supporting Wiegand and RS485
- Protection level of IP66



Long distance fixed vehicle  
access management



Non-contact access control  
management

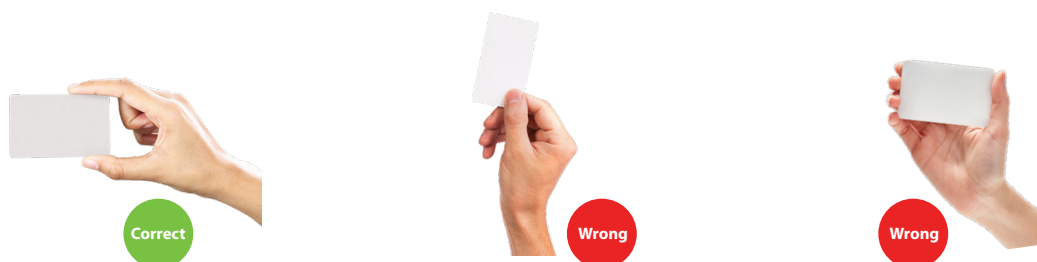


Long distance pedestrain  
access management

## Specifications

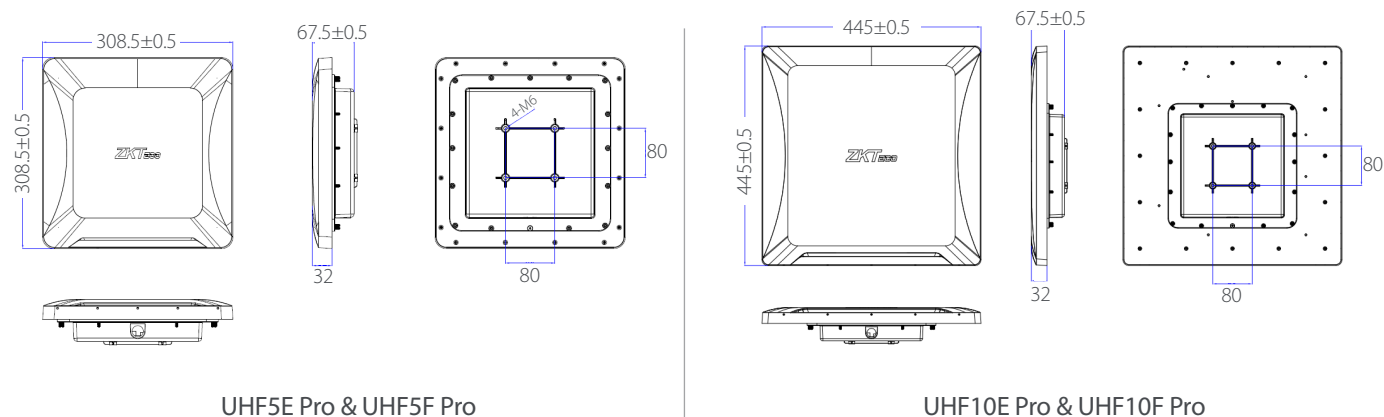
| Model                            | UHF5E Pro & UHF5F Pro                                                                     | UHF10E Pro & UHF10F Pro                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Reading Distance                 | 2 to 8 meters (Hand held test)<br>(Actual scenario test is around 4m)                     | 10 to 20 meters (Hand-held test)<br>(Actual scenario test is around 8m) |
| Antenna Gain                     | 9dBi                                                                                      | 12dBi                                                                   |
| Dimensions (mm)                  | 308.5 * 308.5 * 67.5                                                                      | 445 * 445 * 67.5                                                        |
| Weight                           | 1.8kg                                                                                     | 3kg                                                                     |
| Power                            | 1.2 - 4.2W                                                                                | 1.2 - 4.5W                                                              |
| Frequency                        | E: 865MHz - 868MHz<br>F: 902MHz - 906MHz (adjustable)                                     |                                                                         |
| Communication Interface          | Wiegand; RS485; USB configuration parameters (Wiegand, RS485 requires one of two options) |                                                                         |
| Interface Protocol               | EPC global UHF Class 1 Gen 2 / ISO 18000-6C                                               |                                                                         |
| Working Mode                     | Read Always (Default) and Read by Trigger                                                 |                                                                         |
| Output Power                     | 19dBm - 30dBm                                                                             |                                                                         |
| Protection Level                 | IP66                                                                                      |                                                                         |
| Working Voltage                  | DC 9-15V                                                                                  |                                                                         |
| Working Temperature and Humidity | -20°C - 65°C; <85%                                                                        |                                                                         |
| Storage Temperature and Humidity | -20°C - 80°C; <85%                                                                        |                                                                         |
| RS485 Communication              | Optional baud rate (9600, 19200, 38400, 57600, 115200); the default is 115200             |                                                                         |

## Note

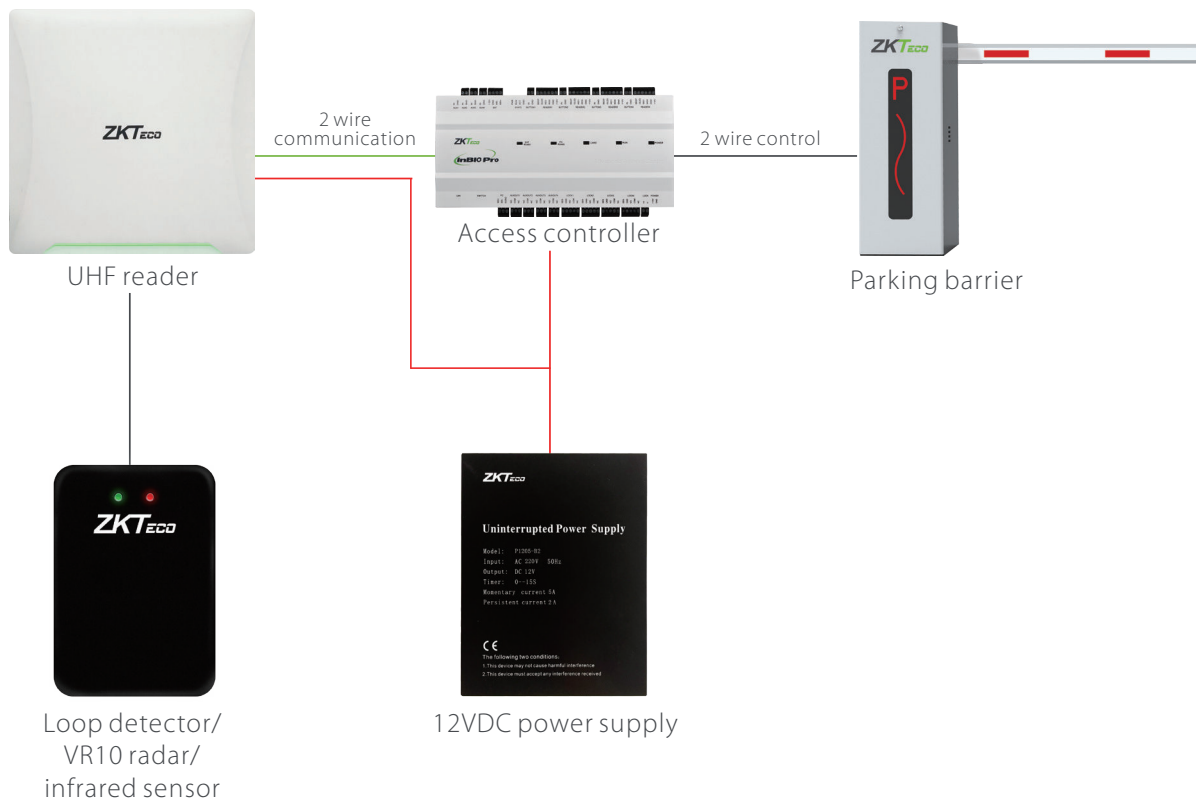


**Special note:** UHF reader cannot penetrate V-KOOL, 3M, or other premium solar films that contain heavy metal to read cards from inside the car.

## Dimensions (mm)



## Wiring diagram



## Related products

A15



Combining with the reader to manage access control

P10

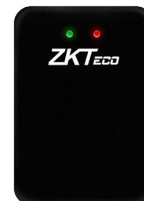


Card issuer



The card number can be changed as required

VR10 radar



When the reader is in the trigger mode, it will activate the card reading function

