

## Security & Automation



UHF10F Pro

## TimeTec UHF PRO

### Long Range Wiegand Smart Barrier System

UHF10F Pro are TimeTec 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.



#### Long Distance Detection

The reading range up to 12 meters (adjustable), an excellent range to read RFID signal from inside any vehicles



#### Two Working Modes

The default is set to 'always read' but it is configurable to 'trigger read' as required



#### Waterproof Casing

It comes with a certified IP66 waterproof standard, suitable for outdoor installation, protected from high pressure water jets from any direction.



#### CE & FCC Certified Standard

TimeTec UHF10-F PRO is CE and FCC international certified, safe to be installed globally



#### SIRIM Certified (Malaysia)

TimeTec UHF10-F PRO is SIRIM certified for usage in Malaysia market



#### Perfect Parking Solution

The reader can be integrated with Controller, the boom gate system for a perfect parking system



#### Integrated with iNeighbour System

Seamlessly integrated with iNeighbour Smart Community System for a perfect residential barrier gate system



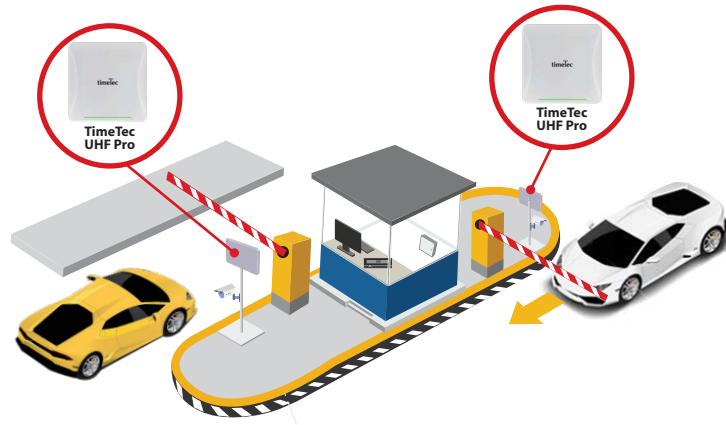
#### UHF Anti-Torn Sticker

Read UHF anti-torn RFID stickers for hands-free access system and achieve better automation

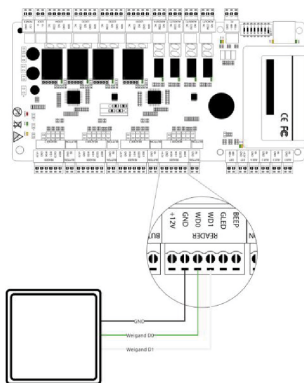


# SYSTEM DIAGRAM

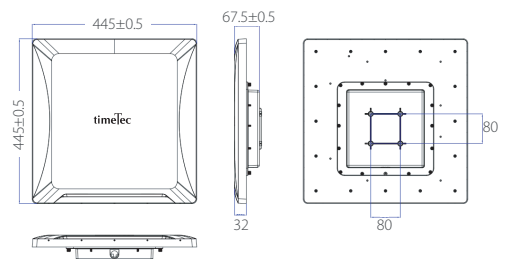
Diagram for illustration only



## CONFIGURATION



## DIMENSIONS (MM)



## SPECIFICATIONS

| MODEL                            | UHF10F Pro  |
|----------------------------------|---|
| READING DISTANCE                 | 10 to 20 meters (Hand-held test) (Actual scenario test is around 8m)                      |
| ANTENNA GAIN                     | 12dBi   |
| DIMENSIONS (MM)                  | 445 x 445 x 67.5  |
| WEIGHT                           | 3kg   |
| POWER                            | 1.2 - 4.5W  |
| FREQUENCY                        | E: 865MHz - 868MHz, 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: Specifications are subject to change without prior notice.

Authorized Reseller: