

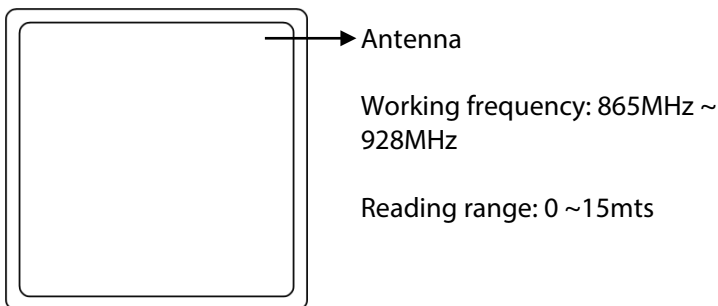


**SAC 3692IP**

**User manual**

# 1. General description

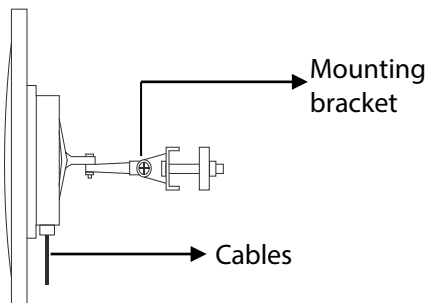
Front view



Dimension

445mm\*445mm\*70mm

Side view and interface



Cables



Cable definition:

L-Blue= Wiegand Data 0

Blue = Wiegand Data 1

Purple = RS85 R+

Orange = RS85 R-

Brown = GND

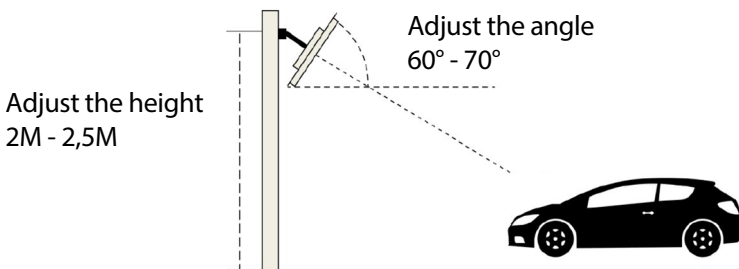
## 2. Installation

### A) Wall or column mounting.

- Bracket installation: Fix the reader bracket to the wall or column using the supplied screws and accessories. Make sure it is securely fastened to ensure stability.
- Place the reader on the previously installed bracket, making sure it is tight and aligned correctly.
- Adjust the orientation of the panel to your specific needs, ensuring it offers a clear display.
- Once installation is complete, double-check that the bracket is properly adjusted and that the reader is secure in place. Make any necessary adjustments to achieve a stable installation.

Additional recommendations:

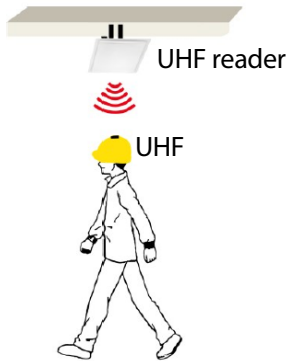
- It is suggested to install the support at a height of 2 meters to 2.5 meters from the ground.
- Adjust the angle of the reader between  $60^\circ$  and  $70^\circ$  to ensure optimal reading.



Note: To ensure optimal reading performance, it is suggested that the vehicle's driving direction is facing the UHF reader.

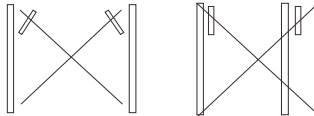
### B) Ceiling mounting

Install the reader vertically on the ceiling. We recommend that the installation height from the ground is no more than 4 meters to achieve better reading.



Note:

- Avoid installing the reader close to another.



- The reader's detection distance may vary depending on weather conditions.



- The device should be away from strong magnetic fields when in operation.

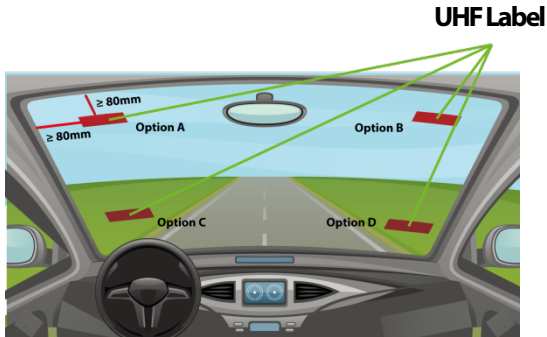
### 3) Install UHF TAGS

A) UHF self adhesive.

The SAC 4103 TAG is a self-adhesive tag designed for easy installation on a variety of objects, allowing access control for vehicles, people, cargo and more.



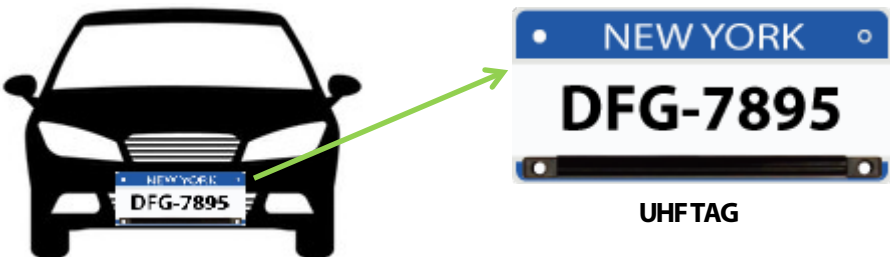
NOTE: For proper installation of the UHF tag on vehicles, it is recommended to place it on the inside of the windshield. It is important to ensure that there is a minimum distance of 80 mm between the UHF tag and the metal frame of the windshield.



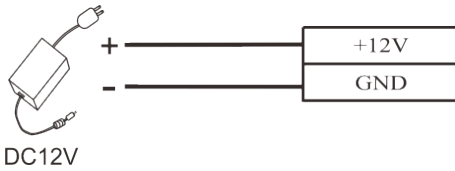
Note: it should only be installed on the transparent part of the windshield.

#### B) Plate

SAC 4104 is a UHF TAG prepared to be installed on the vehicle license plate.



## 4. Connected with Power.

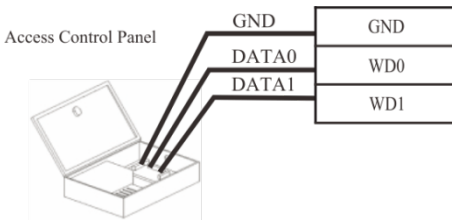


Input DC12V,  $\leq 110\text{mA}$  ( $\leq 80\text{mA}$  standby)

Positive is connected with +12V, negative is connected with GND (do not reverse the polarities).

## 5. Wiegand Output

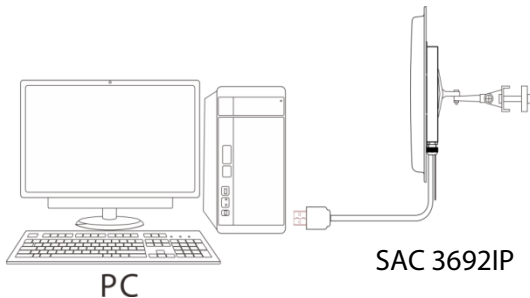
Wiegand Output



The reader supports standard Wiegand 26/34 output

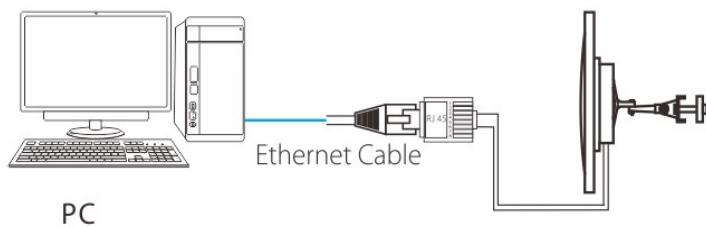
## 6. Connected with Computer

1) Serial Connection



Connect the serial port of the SAC 3692IP to the Serial port of the computer. Set the working parameters of the reader using Siera SAC 3692IP software.

## 2) RJ45 Connection



Connect the RJ45 port of the SAC 3692IP to the Ethernet port of the computer. Set the working parameters of the Siera SAC 3692IP software to connect with the reader using default IP 192.168.1.190.