



# QR AND RFID ACCESS CONTROL SOLUTION

(AXS005\_ACQ)



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STC (Standby Touch Recovery)  
& AAB (Adjustable Automatic Backlight) Technology.  
We use high-end embedded technology to design  
innovative scenarios.





## Access Control

The AXS005\_ACQ is a dual standard access control module and it can operate in the same time as RFID reader, working with the EM4001 / EM4100 card types, or as a QR-Code based access device. As RFID reader the unit can handle different access categories with several types of cards. This operation is well suitable for hotel personal organized in working teams, having specific access requirements. The RFID cards are also suited for guests but in some cases the check-in procedure can be inconvenient. The QR-Code mode is therefore here to help especially with the guest management however QR-Cards can also be used with the hotel's staff as in case of RFID access. For QR-Cards the guests or hotel personnel can use their own phone, regardless of brand as long as the phone has a display.

In case of the QR-Cards the security and flexibility of the system is greatly increased in comparison with the standard RFID cards. Each QR-Card operates as One Time Key (OTK) and is dynamically generated inside the mobile phone of the user.



## Room Status and doorbell:

If used together with the AXS004\_MCM6R10 room controller the AXS005\_ACQ module can display several room statuses as color schemes. A touch-switch is embedded for doorbell triggering, this feature is available only if the AXS005\_UTA module is included. If used together with the AXS004\_MCM6R10 room controller the following room statuses are can be displayed.

### **Privacy:**

Visual signaling, the illumination of the unit will turn red and Door bell switch will be deactivated. During the Privacy mode the hotel staff cannot enter the room.

### **Guest Inside the Room:**

Visual signaling, the illumination of the unit will turn yellow indicating that the guest is inside the room and the staff should not enter without permission.

### **Clean:**

Visual signaling, the illumination of the unit will turn blue while the guest is not in the room, signaling to the hotel staff that a cleaning of the room was requested.

### **Door Strike Open:**

Visual signaling, the illumination of the unit will turn green as long the door strike is opened.

### **Empty Room with Open Window:**

Visual signaling, the illumination of the unit will blink on while indicating that some window was left open and is no one inside the room.

### **Open Door Timeout:**

Visual and acoustic signaling, the illumination of the unit will blink on green accompanied by an acoustic alarm signal indicating that the room door was left open for a time longer than the presented timeout (this is applicable only as long as the room is taken).

### **Bathroom Alarm:**

Visual and acoustic signaling, the illumination of the unit will blink in red and an audible signal is also generated. In case of room being in Do Not Disturb (Privacy) previously to the Bathroom Alarm,

### **Privacy**

Will be canceled facilitating the hotel's personal inside the room.

## Personalized ornaments

The ornaments can be manufactured from glass material and the available shades can be any of the standard color from the classic RAL system chart. Calirom offers two possible options regarding the ornament setup to be chosen:



### CUSTOMSETUP:

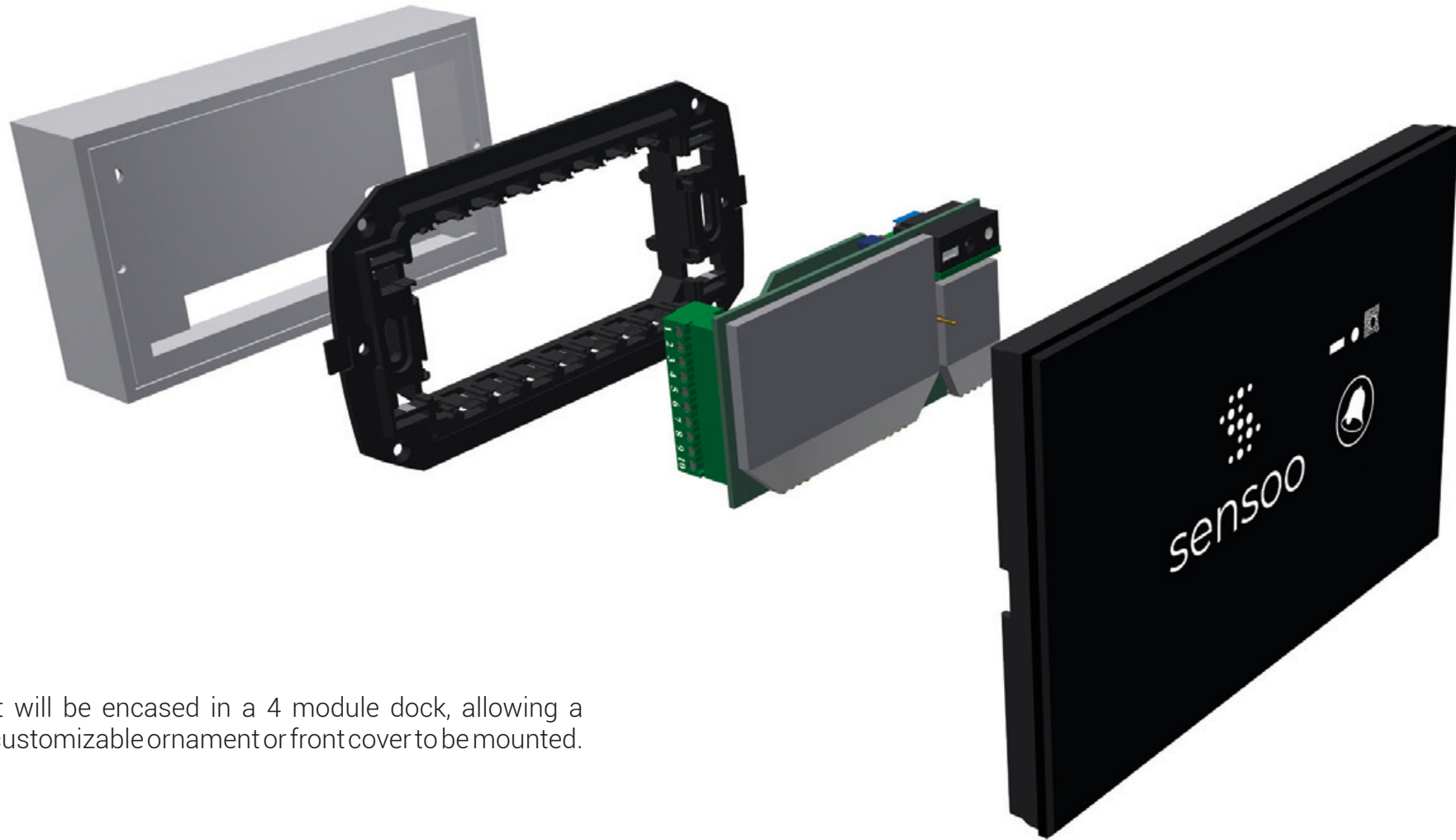
This option comes with additional costs due to the complexity of the manufacturing process. The ornaments can be made of glass material with the custom logo or room number and personalization options. The available shades are any of the standard color from the classic RAL system chart.



### SIMPLE SETUP:

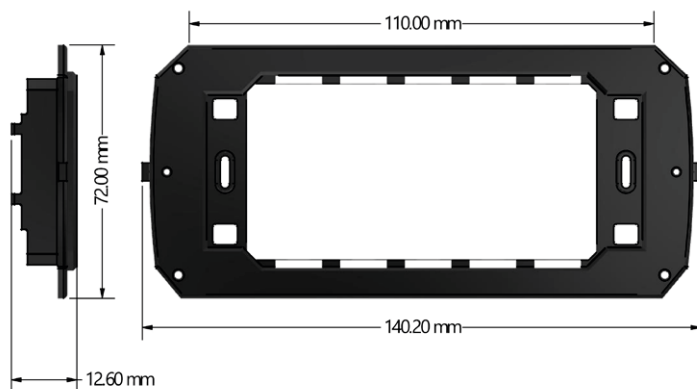
Glass material with standard RFID card logo. The available shades are black or white.

## Mounting instructions

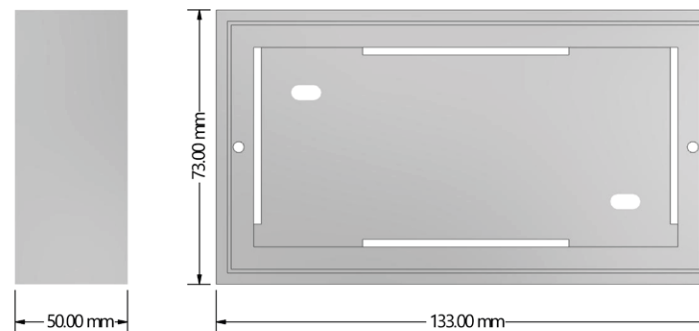


It will be encased in a 4 module dock, allowing a customizable ornament or front cover to be mounted.

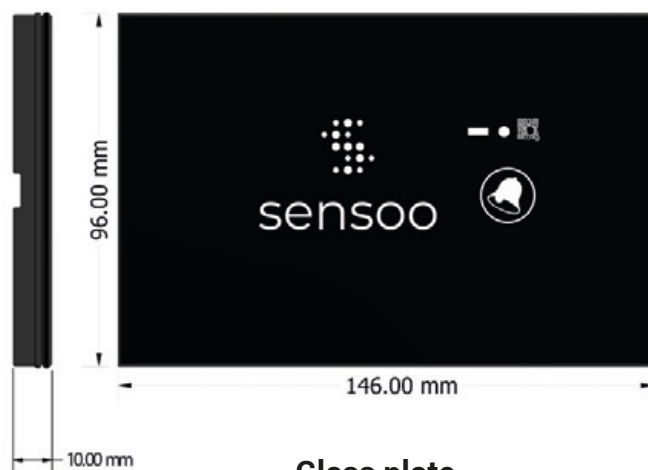
## Mounting components dimensions



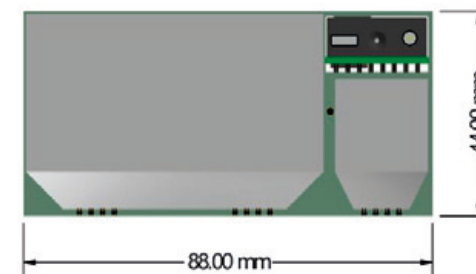
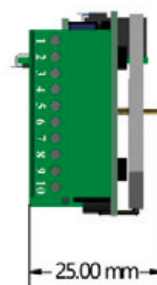
**Standard mounting brackets**



**Wall mounting box**

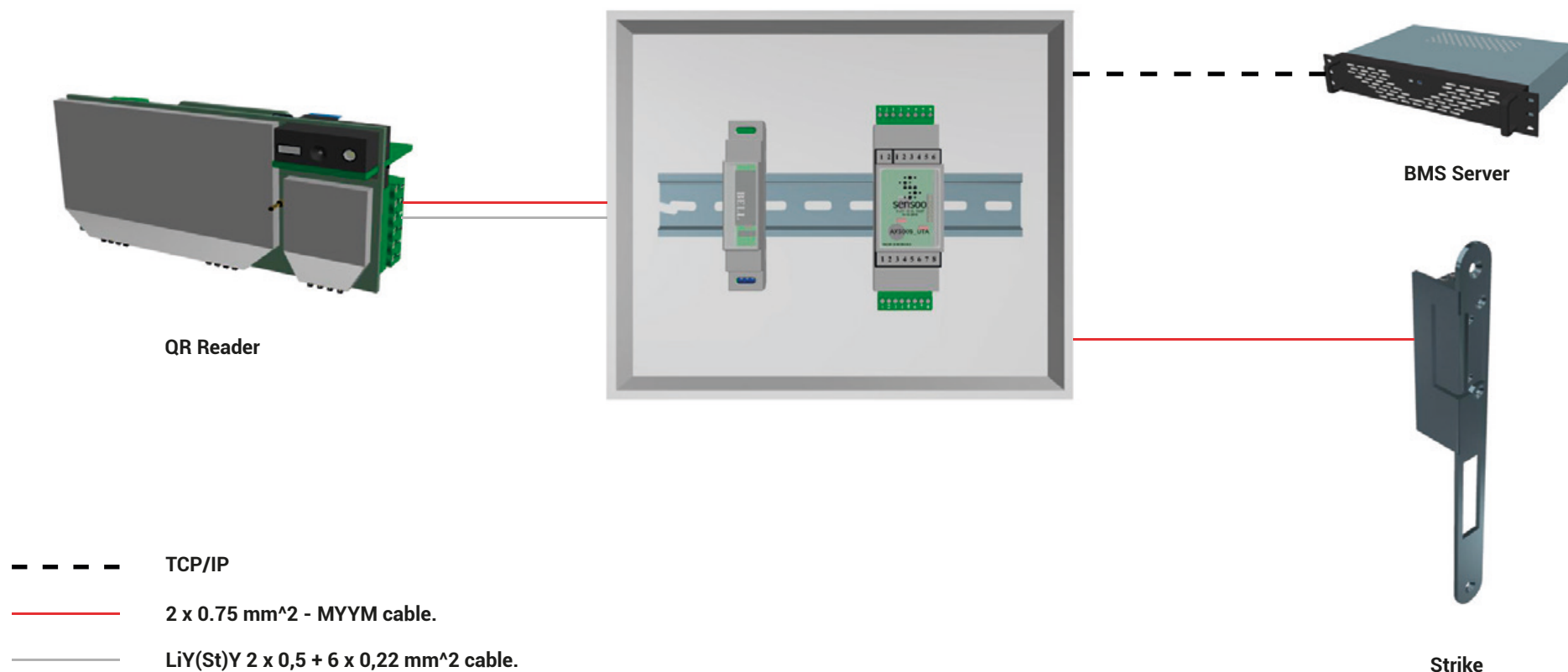


**Glass plate**



**Electrical component**

## System Diagram Scenario Complete setup





## Regulatory Notices

**Please note that this equipment is compliant for the following:**

### **CE - COMPLIANCE TO EUROPEAN UNION (EU)**

2004/108/EC Electromagnetic Compatibility Directive

This equipment complies with the rules, of the Official Journal of the European Union, for governing the Self Declaration of the CE Marking for the European Union as specified in the above directive(s) per the provisions of the following standards: IEC/EN 61326-1 Product Standard, IEC/EN 61010-1 Safety Standard.

### **WEEE - DIRECTIVE OF THE EUROPEAN UNION (EU)**

This equipment and its packaging carry the waste of electrical and electronic equipment (WEEE) label, in compliance with European Union (EU) Directive 2002/96/EC, governing the disposal and recycling of electrical and electronic equipment in the European community.



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