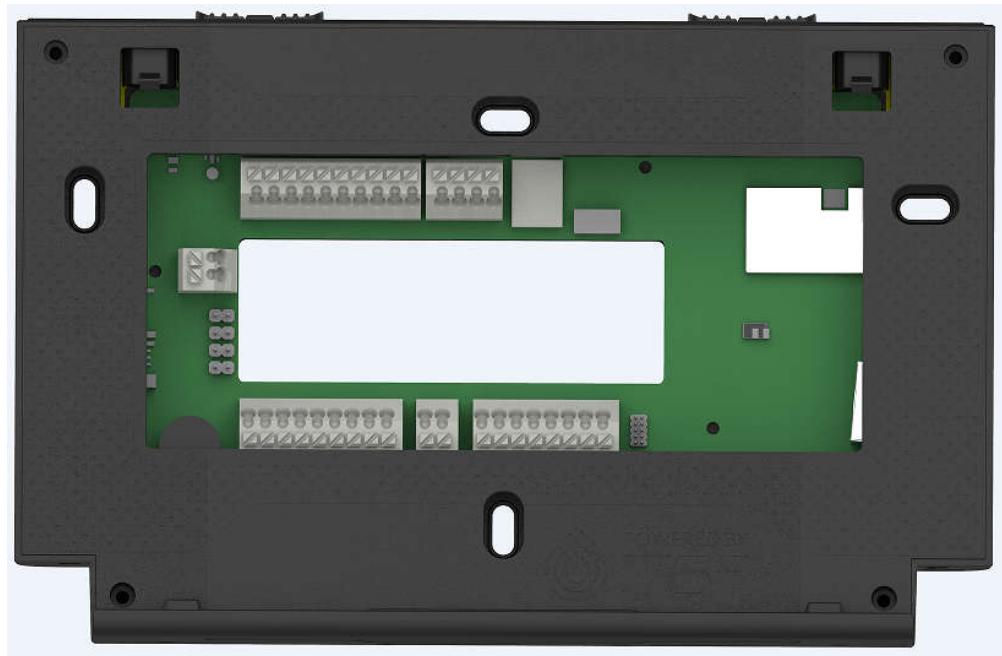


# User's Manual

## 8" CM with Internal Antenna - XR



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# 1. Introduction

Welcome to your 8" CM with Internal Antenna - XR.

To ensure the optimal performance of this product, please take the time to read this manual carefully.

## Explanation of Advisements

In this manual we use three (3) levels of Advisements as follows:

-  The Note symbol is used for notifying the user of something important or of something that needs special attention.
-  The Caution symbol is used to inform of something that could cause harm to or malfunction of the equipment.
-  The Warning symbol is used to inform of something in which there is a conceivable risk of harm to the user if the Warning is ignored.

## Symbols and Markings

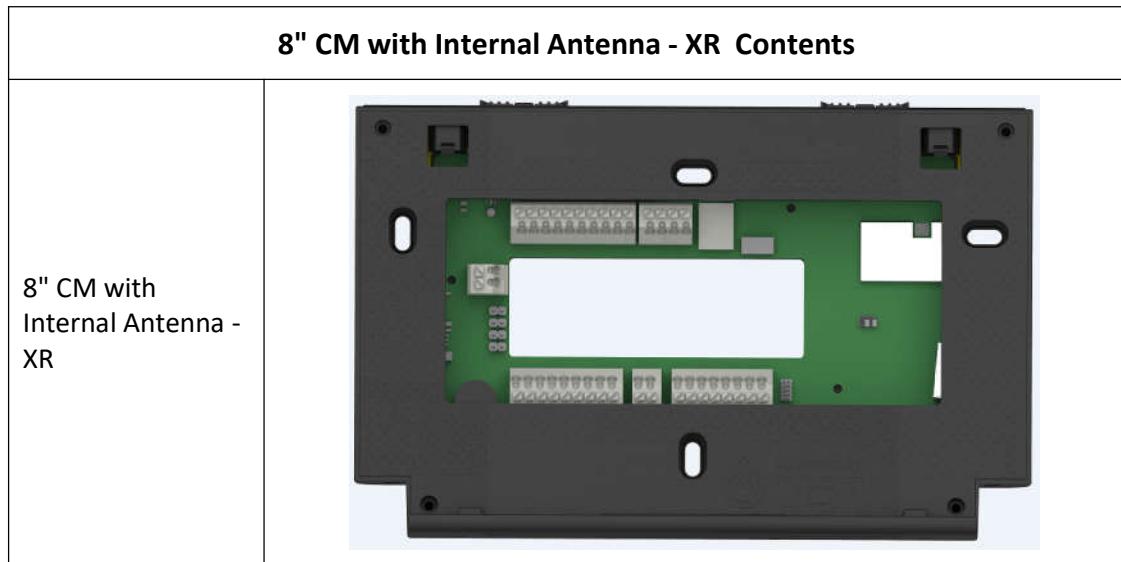
This section provides information about the symbols that are used on the 8" CM with Internal Antenna - XR, it is accessories or packaging.

| Symbol or Markings                                                                  | Description                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | This is a certification mark employed on electronic products manufactured or sold in the United States which certifies that the electromagnetic interference from the device is under limits approved by the Federal Communications Commission. |

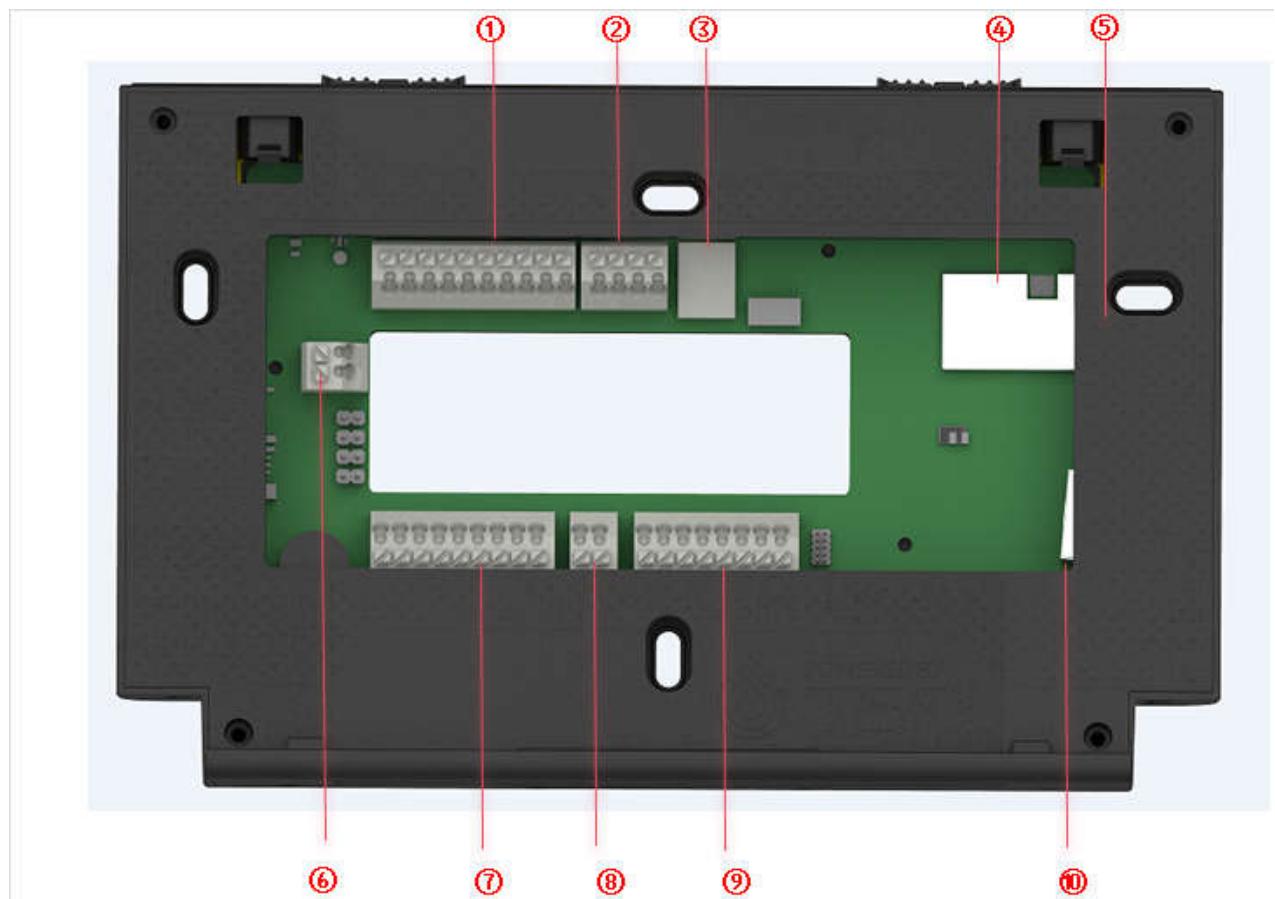
## 2. Exploring Your Device

### Package Contents

In addition to the primary tablet unit, your product carton should contain all the below items.

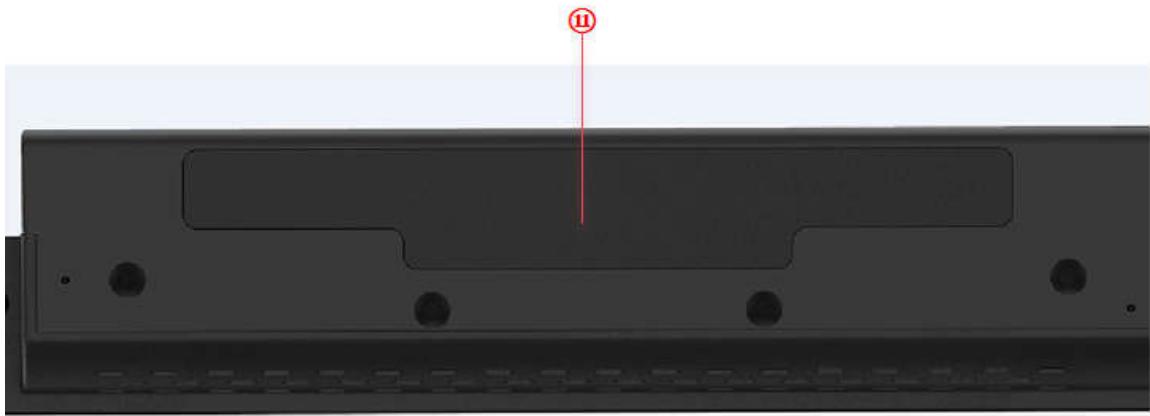


## 3. Device Layout



| Item | Component      | Description                          |
|------|----------------|--------------------------------------|
| 1    | Analog Inputs  | 6x input(4 resistance and 2 voltage) |
| 2    | RS485          | TX/RX                                |
| 3    | Sensor Bus     | Temperature sensor                   |
| 4    | Control Mote   | RF module                            |
| 5    | USB Dongle     | D+,D-,VCC,GND                        |
| 6    | AC/DC Input    | AC/DC 24V                            |
| 7    | Relay Outputs  | 5x 24v output                        |
| 8    | Relay Outputs  | 2x 24v output                        |
| 9    | Analog Outputs | 4x output( 0~10v)                    |
| 10   | RJ45           | 10/100Mbps only                      |

## Bottom View



| Item | Component      | Description |
|------|----------------|-------------|
| 11   | Label location | FCC         |

## 4. Managing Device Power

### Adapter

24V DC / 24Vrms AC power supply

### Batteries

NO

## 5. Using the 8" CM with Internal Antenna - XR

Inserting the AC/DC 24V to the power port(#6) will automatically power on .

## 6. Precautions for the safe use of the product.

Before using the 8" CM with Internal Antenna - XR device, please read this manual and precautions carefully. Otherwise some unforeseen consequences can occur. The operating environment temperature of the equipment should not exceed [50°C](#)

## 7. Troubleshooting

In most cases, restarting your device will cure any problem. If your device has crashed,please reset the unit .

If this does not fix the problem, contact your supplier.

Please have your serial number ready. This can be found on the back of your device.

## Appendix A Compliance Information

### FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

 Modifications not expressly approved by Device Manufacturer could void the user's authority to operate the equipment under FCC rules.

## Part 15B Equipment

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment .

## FCC RF Radiation Exposure and SAR Statements

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.