

TWR-QM

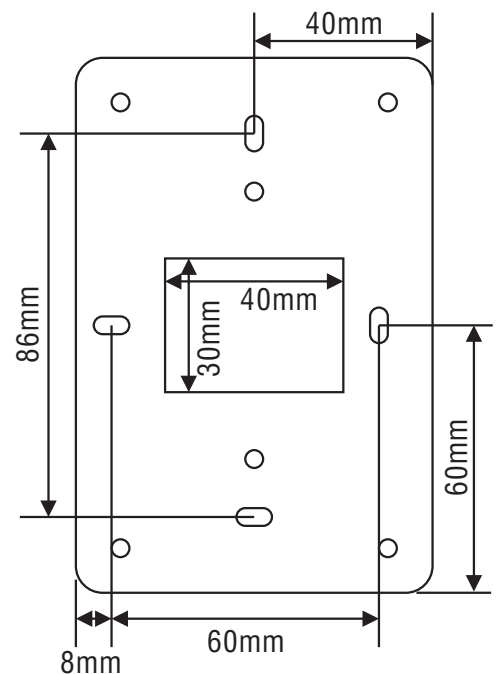
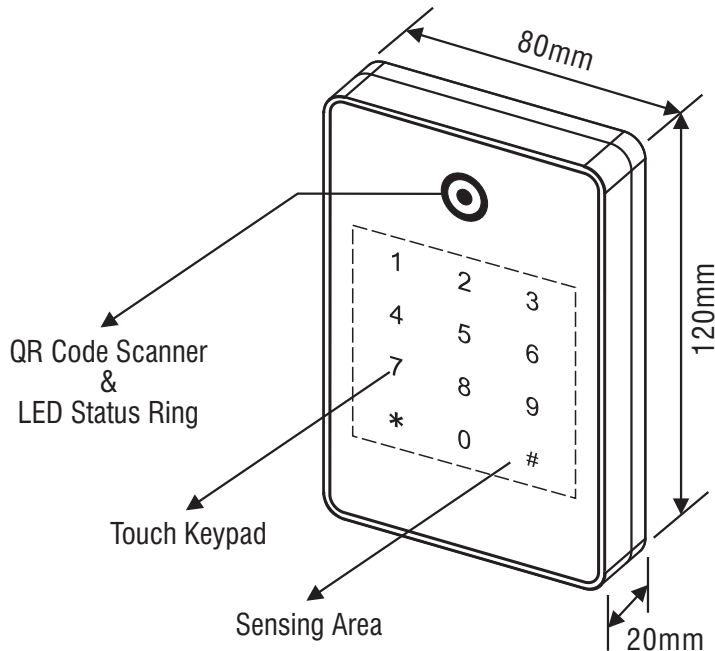
A. Package Content

■ Reader, Installation manual

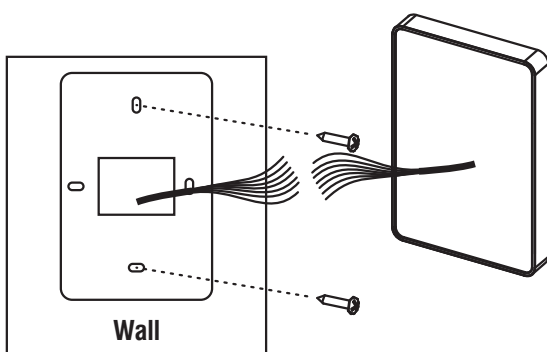
Accessory kit: Anchor Screw x 2, Anchor x 2, Screwdriver x 1, Screw x 2

■ Specification

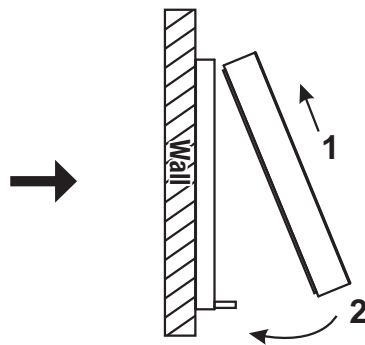
- Dimension : 120 x 80 x 20 mm
- Voltage range : DC 9 ~ 24V
- Current : Max 200mA (DC 12V)
- Wiegand range : up to 100M
- RS485 range : up to 1KM
- LED : Triple color (Red/ Green/ Blue)
- Communication :
 - WG 26/ 34/ 66
 - RS485 OSDP V1/ V2
- Tamper Alarm
- Working temperature : - 20 °C ~ 70 °C
- Recommend shielded cable



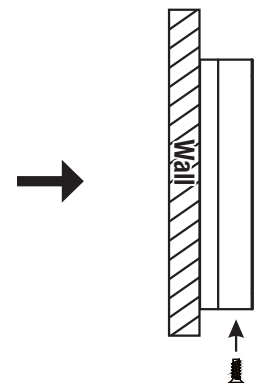
B. Installation Guide



Install back case on the wall and connect cable



Install reader : clip top side first then press down



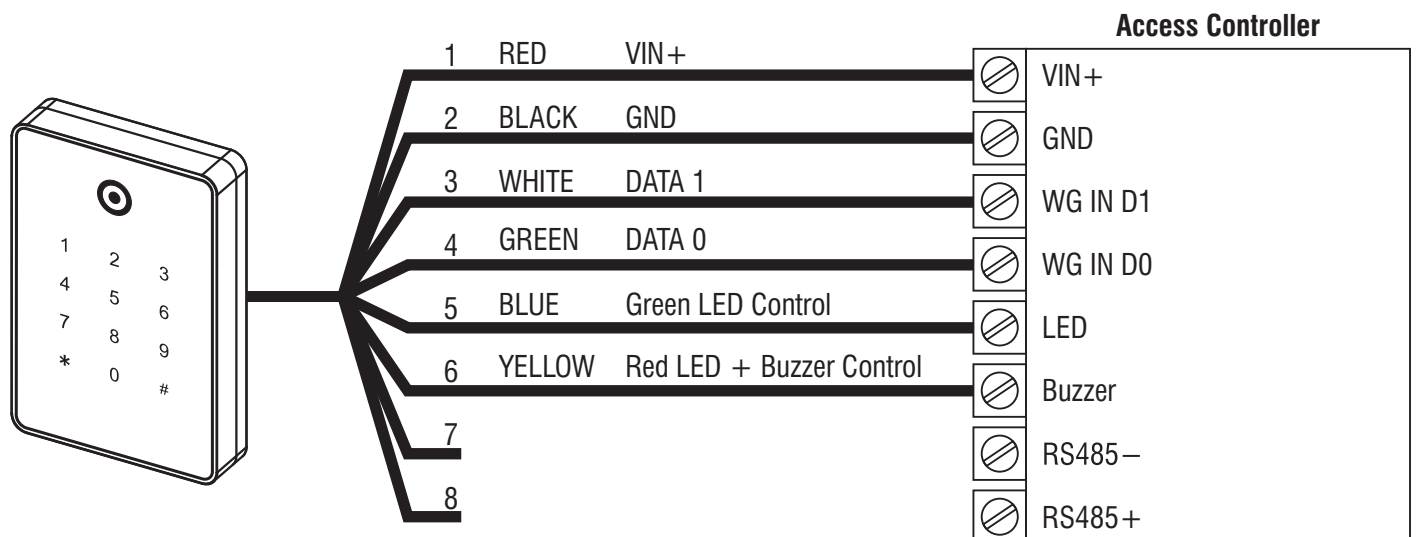
Fasten torx screw

C. Cable Instruction

No.	Color	Function	Description
1	RED	VIN+ (Power Positive)	DC 9~24V Input
2	BLACK	GND (Power Negative)	
3	WHITE	DATA 1	Wiegand Data 1 Output
4	GREEN	DATA 0	Wiegand Data 0 Output
5	BLUE	Green LED Control	Grounding to work
6	YELLOW	Red LED+Buzzer Control	Grounding to work
7	ORANGE	RS485-	OSDP V1/ V2 Communication
8	BROWN	RS485+	

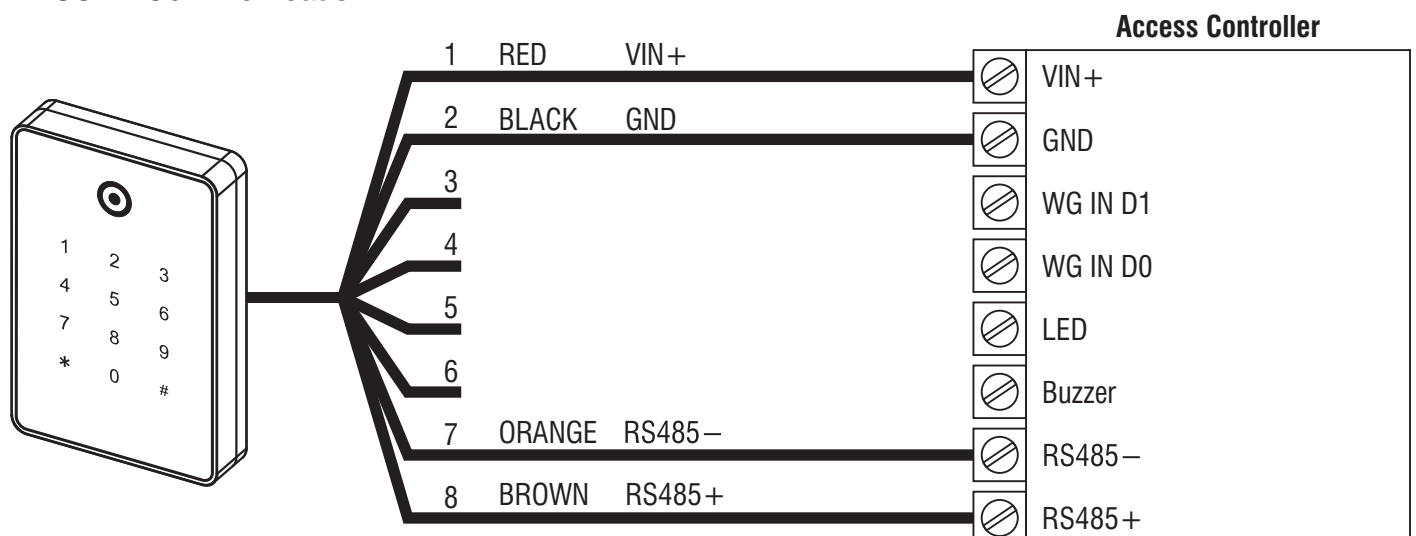
D. Connection Example

• WG Communication



★ **Disconnect power before wiring** ★

• OSDP Communication



FCC Warning:

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 particular 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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

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 and your body.