5D Access Thermal Reader
Device Mounting Instruction Guide

Packing list

Name	Qty	Unit
Digital thermal detection module	1	PCS
Screw kit. (There are two types of screw kits. **Screw kit 1**: two M4x16 pan head screws, two M4 nuts, and two M3x6 pan head screws. **Screw kit 2**: two M3x6 pan head screws)	2	Set
D5 access control terminal	1	PCS
Screws and component	1	Set
Bracket (one Thermal Detection Module bracket and one 5D Access Thermal Reader bracket)	2	PCS
T10 tamper-proof driver	1	PCS
Installation sticker	1	PCS
20-pin cable	1	PCS
2-pin power cable	1	PCS
12 volt Power supply and barrel jack	1	PCS

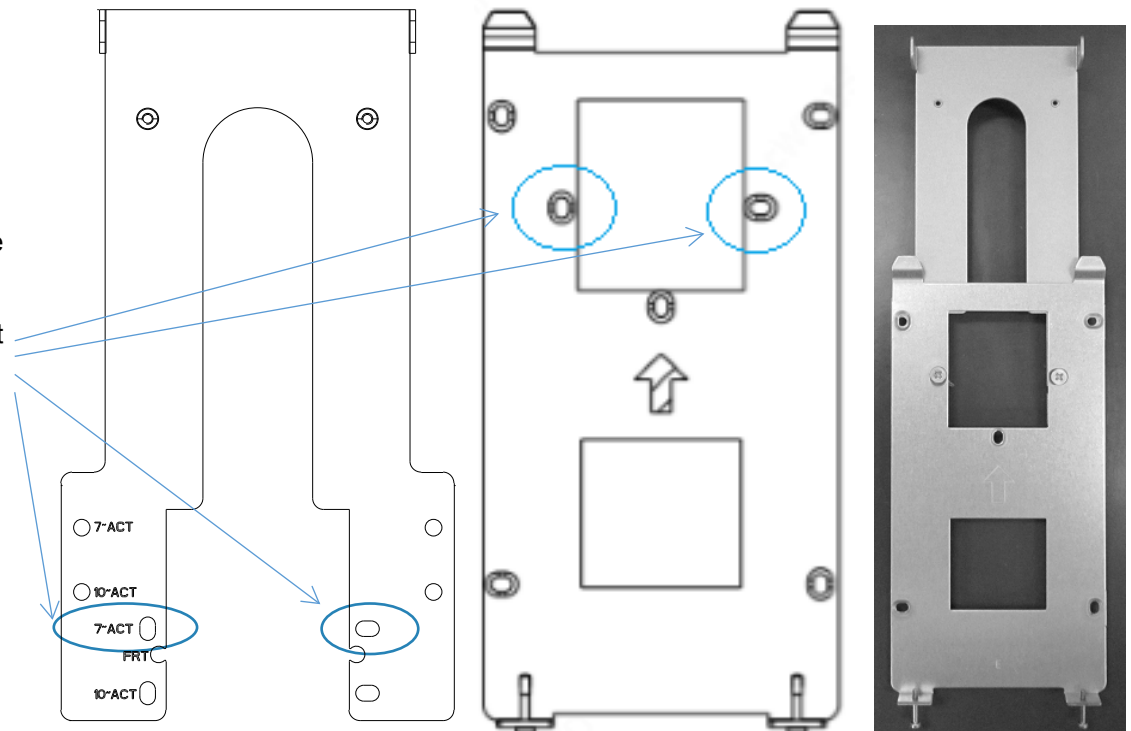**Tools**

Antistatic wrist strap
Marker
Drill
Phillips screwdriver
Slotted screwdriver
Tape Measure
5D Access thermal Reader Installation Manual 0455-0267.
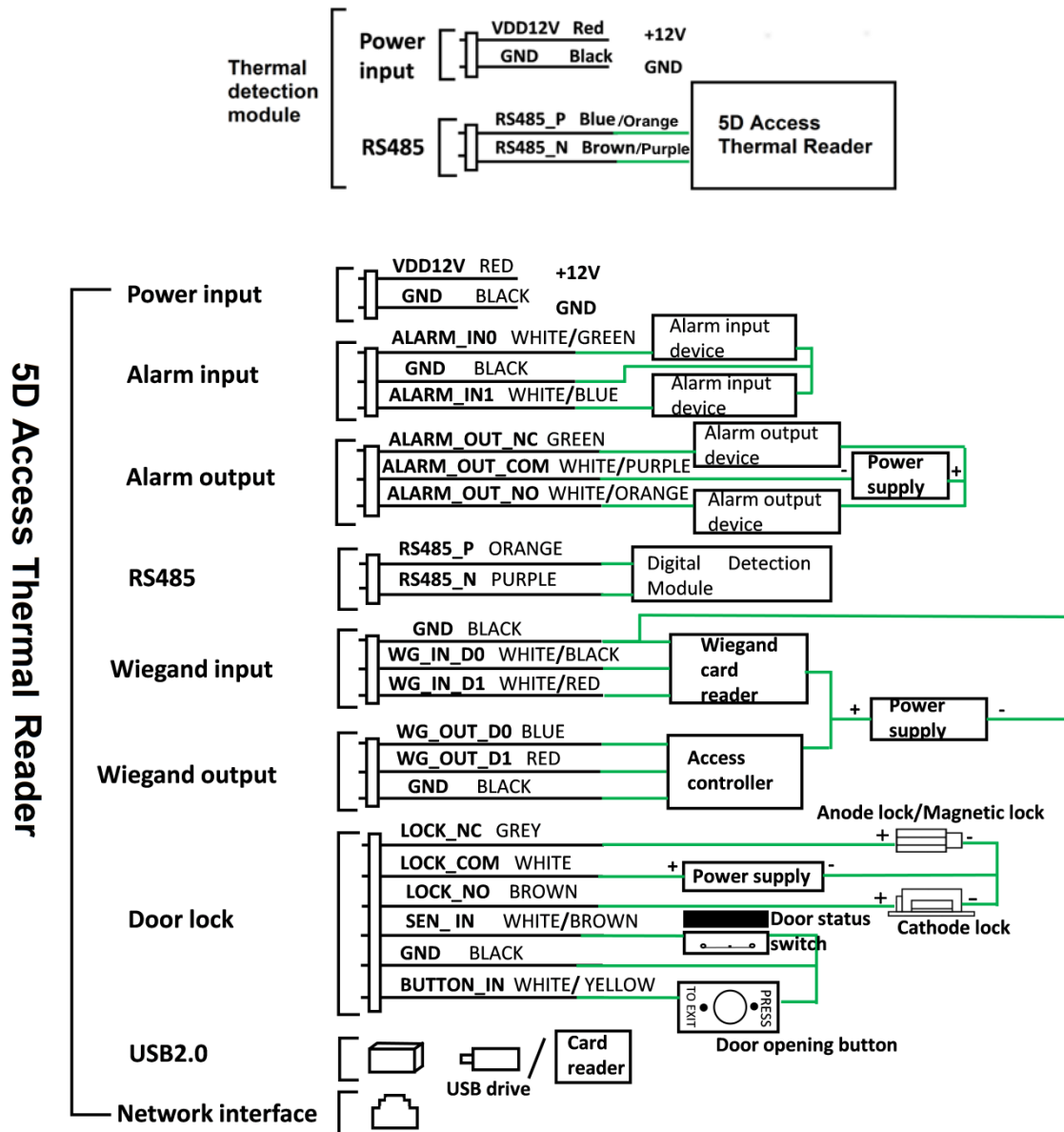
Bracket Introduction

The bracket for mounting the Thermal Detection Module to the 5D Access Thermal Reader is delivered with four M4x11 screws and two M4 wing nuts. Use the 7-ACT holes to mount the Thermal Detection Module bracket to the 5D Access Thermal Reader bracket. See diagram below.

Use the 7-ACT holes circled in blue for assembling the thermal dection module bracket (left image) to the 5D Access Thermal Reader bracket (middle image). The final assembled bracket will look like the image on the far right.

Wiring description

The figure below shows the wiring for both the Thermal Detection module and the 5D Access Thermal Reader.
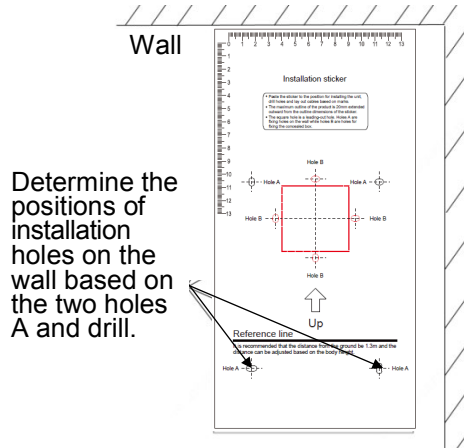

Per the wiring diagrams, make the following connections between the 5D Access Thermal Reader, Thermal Detection Module and the Barrel Adapter. Be sure to also reference Installatoin Guide 0455-0267 for more information.
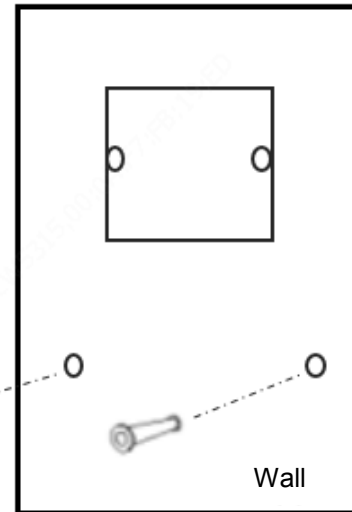
- Connect the black wire of the Thermal Detection Module and the black wire of the 5D Access Thermal Reader to the black wire of the Barrel Adapter.
- Connect the red wire of the Thermal Detection Module and the red wire of the 5D Access Thermal Reader to the red wire of the Barrel Adapter.
- Connect the BLUE wire of the thermal detection module to the ORANGE wire of the 5D Access Thermal Reader wiring harness.
- Connect the BROWN wire of the Thermal Detection Module to the PURPLE wire of the 5D Access Thermal wiring harness.
- When all wire connections are made, plug Barrel Adapter into power supply and connect the provided power cable and data cable to the appropriate connectors on the 5D Access Thermal Reader. Note that there is a convenient wiring chart on the back of the 5D Access Thermal Reader.
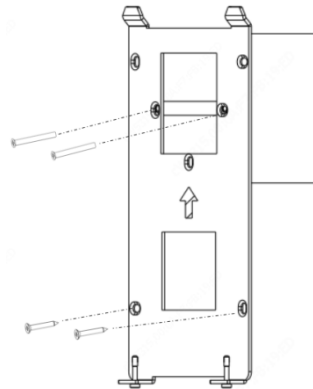
Wall Mounting

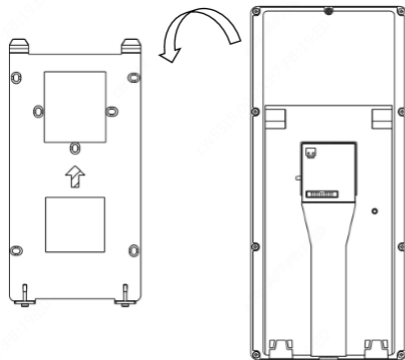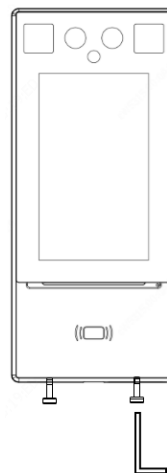| Determine the desired position, and align the installation sticker. Determine the positions of installation holes on the wall based on the two holes "A" and drill holes.	Embed the supplied drywall anchors into the holes.
Wall Determine the positions of installation holes on the wall based on the two holes A and drill.	 Wall

Align holes on the bracket with installation holes on the wall and junction box and install the screws to fasten the bracket onto the wall.

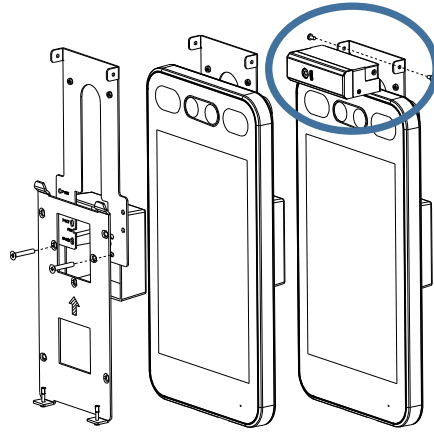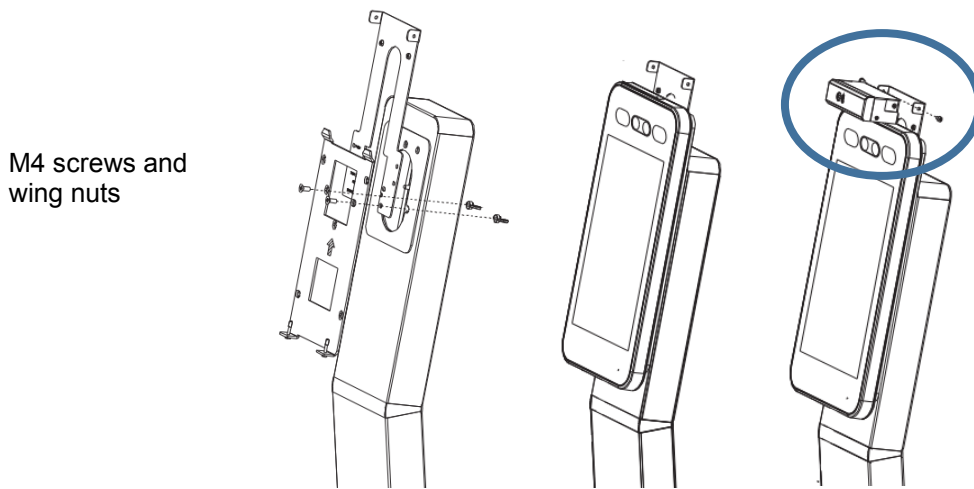| Fasten the access control terminal to the bracket hook.	At the bottom of the device, use the L-shape wrench to tighten the two fastening screws clockwise.

The figure below shows the process of installing the Thermal Detection Module onto the 5D Access Thermal Reader.

Wall Mount

Standing pole mount

The figure below shows the process of installing the thermal detection module on a standing pole when the module is to be used in combination with a 5D Access Thermal Reader.

M4 screws and wing nuts

After the device is installed correctly and all wiring connections have been made, plug power supply into wall outlet to start the device. The display will light up, and the live view will be displayed on the screen, indicating that the device started successfully. You can now log into the Web page of the 5D Access Face Thermal Reader and configure it. Reference 0455-0267 Installation Guide, 0455-0270 User Guide and 0455-0271 Administration Guide.