))))((cellgate®

CR Readers
& Credentials

CR-INFINITY-HID
Quick Guide

Components

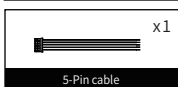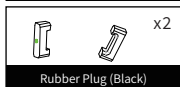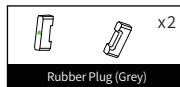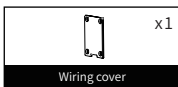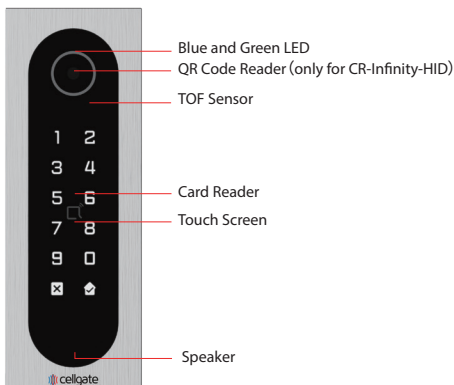Before using the device, check the device model and ensure that the shipped box includes the following items:

CR-Infinity-HID x1	Wiring cover x1	M2.5x5 Phillips screw x4	Rubber Plug (Grey) x2
Rubber Plug (Black) x2	5-Pin cable x1	Torx wrench x1	M3x6 Torx head screw x2
Wall-mounting box x1	ST4x20 Phillips screw x4	Plastic wall anchor x4	

Product Overview

- Blue and Green LED
- QR Code Reader (only for CR-Infinity-HID)
- TOF Sensor
- Card Reader
- Touch Screen
- Speaker
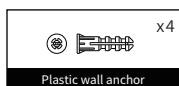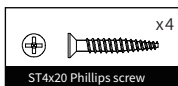
Preparation
Tools Needed

(not included)

- Phillips Screwdriver
- Electric Drill

Voltage and Current Specifications

Use 12V DC 1A power supply with 18 gauge wiring to power the device.

Installation Guidelines

• Install the device on a flat surface.
• Do not use or place the device near heaters.


⚠ Warning!

To ensure your safety, avoid touching the power cord, power adapter, and device with wet hands, bending or pulling the power cord, damaging any components, and only use the qualified power adapter and power cord.
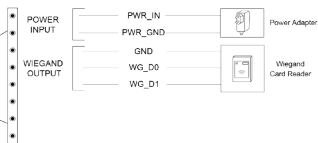

⚠ Caution

• Do not knock device with hard objects.
• Do not press down hard on the device screen.
• Do not expose device to chemical products, such as alcohol, acid liquid, disinfectants, etc.
• To prevent the device installation from loosening, ensure accurate sizes and depths of screw holes.
• To clean the device, softly wipe with a moist cloth, then wipe with a dry cloth.
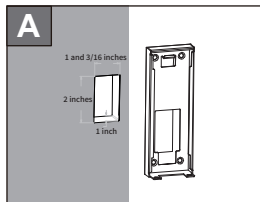
Wiring Interface
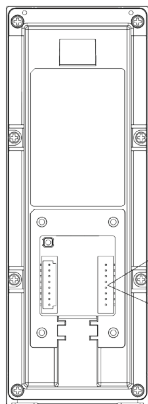
Wire Descriptions	
Red	12V DC+ Power
Black	Power Ground
Gray	Wiegand Ground
Green	Wiegand Data 0
White	Wiegand Data 1

POWER INPUT — PWR_IN — Power Adapter
PWR_GND

WIEGAND OUTPUT — GND — Wiegand Card Reader
WG_D0
WG_D1

Installation

Step 1: Wall-Mounting Installation
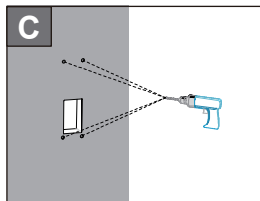
A

1 and 3/16 inches
2 inches
1 inch

Cut a rectangular hole in the wall with dimensions 2 inches high, 1 and 3/16 inches wide, and 1 inch deep.
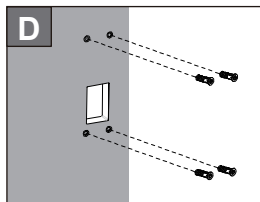
B
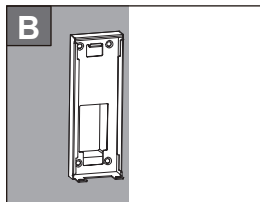
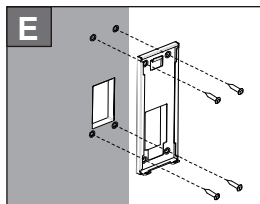Align the rectangular hole of the wall-mounting box with the rectangular hole on the wall.

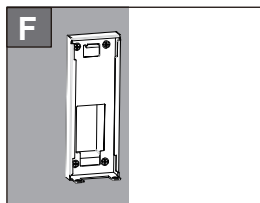Mark the box's four holes on the wall, ensuring the marks are at the center of each hole.

C

Take down the wall-mounting box.
Use a 6 mm electric drill to make four holes.

D

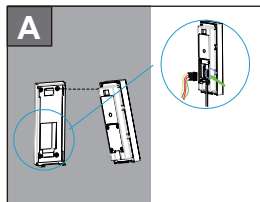Insert four plastic wall anchors into the screw holes.

E

Tighten the four ST4x20 Phillips screws to the plastic wall anchors to fasten the wall-mounting box to the wall.

F

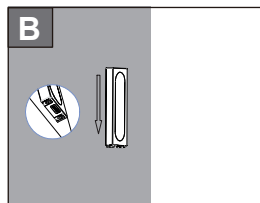Wall-mounting installation is complete.

Note: Ensure the drilled holes are aligned with the box's holes and that the wall-mounting box is level.
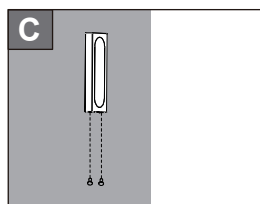
Step 2: Device Mounting

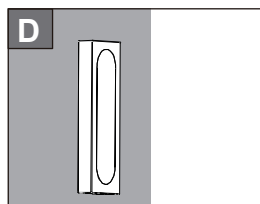Put all wires and the Ethernet connector into the hole.

Hang the slot of the main unit into the corresponding hooks of the box, and then gently lower the main unit into the box.

Insert the device into the wall-mounted box and lower the device onto the hook in the back and hooks projecting from the bottom of the mounting box.

Fix two M3x6 Torx head screws into the holes.

Check that the gap around the device is even, the connection is secure, and that the device can be powered on.

Installation is complete.

Warranty

CellGate does not cover intentional damage or destruction caused by improper installation. Please contact CellGate support team if the device does not operate as expected.

Support

For assistance, call: 1 (855) 694-2837, Option 3

Additional resources can be found at: www.cell-gate.com