

Find the **accessories** you're looking for.



Raw Shield Mount

Made to protect Raw in harsh environments, adding an extra layer of protection.



Trackunit **DualID** Installation Guide



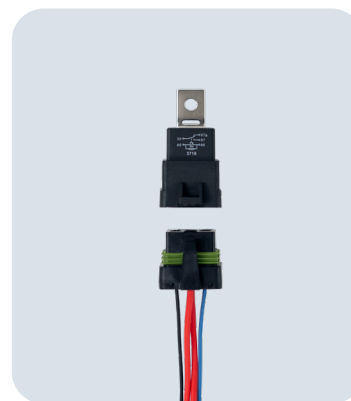
RFID Card Reader

USB RFID card reader is a easy tool to activate DualID RFID card access for operators.



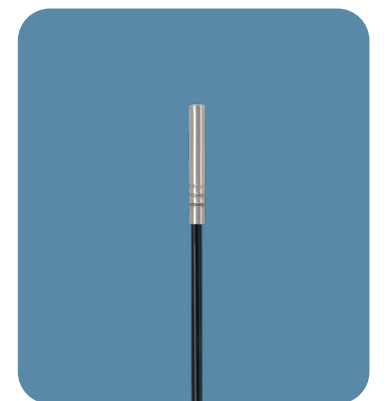
DualID Cards

The DualID RFID card is an easy way to control access to your equipment.



Splash Proof Relay

Used when required, to interface Trackunit Raw to specific machine wiring signals or controls.



Temperature Sensor

Connect to Raw to measure temperature conditions in your environment.



Ferrite

Designed and certified for use in Japan with TU-501 and TU600-x models.



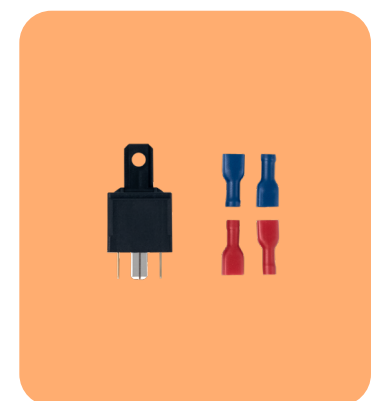
Power Cable

Versatile solutions to connect Trackunit Raw to any type of machine.



DualID II Bracket

Made to protect DualID II in harsh environments, adding an extra layer of protection.



Standard Relays

Used when required, to interface Trackunit Raw to specific machine wiring signals or controls.

Help is here. Whenever and however you need it.



Help Center

Installation, activation, and onboarding info can be found at helpcenter.trackunit.com



Customer Success

Please reach out to our experienced support team at support@trackunit.com



Order

Already know what you need? Place your order at trackunit.com

Trackunit DualID II

Secure Equipment Means Safe Jobsites



Protect Equipment

Equipment is secured using access control, reducing unauthorized use of equipment.



Safety

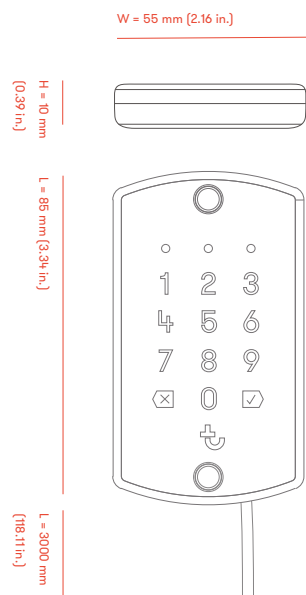
Access Management secures working environments and increases job site safety.



Theft Protection

Access Management allows preauthorized personnel equipment access, minimizing theft.

Product Diagram



Overview

Trackunit DualID II solution is a powerful combination of fleet management and user authentication for machinery.

Product Dimensions

- Length: 85 mm (3.3")
- Width: 55 mm (2.2")
- Height: 10 mm (0.3")

Tech Specs

- Aprovals: CE, FCC
- Environmental Class: IP69
- Temperature: -40°C to +85°C
- 3 to 16 Digit Numeric Pin Code
- RFID Reader 13,56 MHz
- Mifare
- Mifare DESFire EV1
- Prepared for NFC
- UV Class (ASTM D4329/D5870)

What's in the Box

- DualID II
- 3m (9.8 ft) Cable w/ M8 Connector
- Mounting Kit
- User Guide

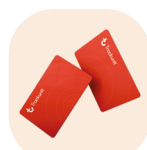
Compatible With



RFID Card Reader



Bracket



RFID Cards

Installation

Installing DualID II

1. Mounting

Insert two M4 screws (5/32") through the mounting holes on the DualID II and into the mounting surface. Use a flathead screwdriver to tighten the M4 screws being careful not to overtighten.

2. Connecting the Cable

Connect the M8 Connector on the 3m Cable to the M8 Connector on a Trackunit Raw wired to a Machine (for further information, refer to the wiring diagram in the Raw User Guide). Depending on your configuration, you can run the 3m Cable out the bottom or back of the DualID II.

3. (Optional) Drilling a Pilot Hole

Drill an 11 mm (.4") Pilot Hole in the mounting surface and pull the 3m Cable through the Pilot Hole.

Note: Trackunit is not responsible for any (product, equipment, or installer) damage during the installation process.

Using DualID II

User Guide

Assigning Users

Use Trackunit Manager to enable Access Control on a Machine and assign control keys to certified users. Refer to helpcenter.trackunit.com

Using the Keypad

- Enter the Pin Code on the Key Pad.
- Select the Confirm button ☒.
- The Approval ID LED (2) will flash green, indicating a valid Pin Code.

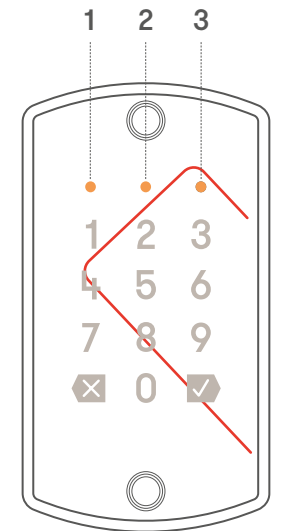
Using RFID Card

- Place the RFID Card over the RFID Card Reader area (indicated by the outline over the Keypad).
- An audible beep indicates a valid card input.
- The Approval ID LED (2) will flash green, authorizing the RFID Card.

Cancelling Authorization

- To cancel an authorization attempt, select the Cancel button ☒.
- The Cancelled ID LED (3) will flash red, indicating that the input is cancelled.
- Wait 10 seconds before entering a new Pin Code or scanning an RFID Card.

Note: Don't use an RFID Card and Pin Code simultaneously.



	LEDs
	RFID Card Reader

LED	Description	Indicator Color
1	Power On	Yellow
2	ID Approved	Green
3	Action Cancelled	Red

Help is here, whenever you need it.



Help Center

Installation, activation, and onboarding info can be found at helpcenter.trackunit.com



Customer Success

Please reach out to our experienced support team at support@trackunit.com



Order

Already know what you need? Place your order at trackunit.com