

Trackunit K300 Access Control Unit



Trackunit K300 Access Control Unit Instruction Manual

[Home](#) » [Trackunit](#) » Trackunit K300 Access Control Unit Instruction Manual 

Contents

- [1 Trackunit K300 Access Control Unit](#)
- [2 Intended use](#)
- [3 Use location](#)
- [4 Technical Specifications](#)
- [5 FCC/ISED mark](#)
- [6 International approvals:](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)
- [8 Related Posts](#)

Trackunit

Trackunit K300 Access Control Unit



Technical Specifications

- Product Name: Trackunit Pass K300
- Model Number: K300 MA-00044.1
- Intended Use: Access Control device for vehicles and machines
- Compatibility: Trackunit TU700
- Usage: Commercial or industrial
- Installation: Indoor and outdoor, inside moving vehicles
- Not Suitable for: Explosive atmospheres, door access control systems
- Mounting: Secure mounting required, not for high vibration use or high-temperature range applications

Installation

WARNING: Improperly securing the device and cable can be hazardous.

1. Install the device in a location without immediate risk of impact.
2. Account for vehicle vibrations and friction during installation.
3. Use suitable screws and fittings for wall/ceiling material.
4. Securely fasten the device away from moving parts in a low vibration environment.

DANGER

- Draws attention to an imminently hazardous situation that will lead to serious personal injury or fatality.

WARNING

- Draws attention to a potentially hazardous situation that can lead to serious injury or fatality.

CAUTION

- Draws attention to a potentially hazardous situation that could lead to personal injury or damage to the equipment or other property
- Signifies a mandatory action
- Signifies a general warning
- Signifies a prohibited action

Intended use

The K300 device is an Access Control device designed to be used in conjunction with the TU700 and mounted in or on vehicles depending on the type of equipment (including heavy equipment, service vans, trailers, etc.) and structures (including containers).

The K300 provides access control to vehicles and machines via digital key, access card or Pin codes.

Foreseeable misuse

- The device is not intended for equipment other than heavy equipment, service vans, trailers and structures like containers.
- The device is not for use in an explosive atmosphere.
- Do not use as a door access control system.
- Do not connect the K300 to any device other than the Trackunit TU700.

Use location

The device is for commercial or industrial usage and is expected to be installed in locations where only adults are normally present. This device is for indoor and outdoor installation. The device may also be installed inside moving vehicles. The device may not be submerged in water.

The device must be installed in accordance with any local regulations that applies. Method of mounting shall be suitable for the location.

The device is neither intended for high vibration use nor high temperature range applications.

Technical Specifications

- Supply Voltage: 12V – 48V DC
- Max. Voltage Range: 9V – 58V DC
- Operating temperature: -30°C to +70°C
- Storage temperature: -20°C to +40°C / -4°F to 104°F
- IP Rating: IP66, IP67, IP69
- Operating conditions: 2402 – 2480 MHz, Max. 10 dBm EIRP

WARNING: Improperly securing the device and the attached cable may be hazardous.

Install the device where there is no immediate risk of impact. During installation, you must account for vehicle vibrations and friction when securing the K300 and its attached cable.

Screws or fittings to fix the device object to the wall / ceiling are not included in the scope of supply. Please choose screws and fittings that are specially suited to the material in the wall / ceiling and have sufficient holding power.

Do not mount the device in a high vibration environment.

During installation, you must securely fasten the device and cable away from any moving parts.

CAUTION: Installation inside a moving vehicle.

- Do not attempt to install the device if the vehicle is moving or operational.
- Do not attempt to install the device in a way that obstructs the view of the driver, or impair his/her movement.
- Do not install close to wiring of a vehicle.
- Do not place directly beside the cable harness of the vehicle.
- Do not secure the device to the gear shift, steering wheel, gas pedal, or the brake pedal.
- Securely fasten the device and cable away from space reserved for either the vehicle occupants or air bags.
- Do not secure the device where it will obstruct the driver's limbs. Do not secure the device in front of the air bags or other safety measures.

CAUTION

Take care of your posture when installing the device. Be aware of your surroundings within the vehicle, and the installer's ergonomic positioning when installing the device.

Do not install in hard to reach areas.

CAUTION

This device is not a toy and should be kept away from animals and children.

WARNING: Improper fitting during installation may lead to hazardous situation.

Only an installer authorized by Trackunit should install this device. Trackunit does not take responsibility for devices installed by non-Trackunit authorised personnel.

Incorrect installation that allows for movement or places the device/cable under undue stress can cause the device casing to open accidentally. An open casing may lead to water ingress causing the device to fail. Ensure proper fitting of the housing and cable connector, there shall be no visible gaps in the housing and cable connector.

CAUTION: Risk of Electric Shock

Do not handle the device if the wire or device appears damaged. Safely power down and disconnect the device before handling.

CAUTION: Status LED

Do not check the status LED while operating the vehicle. Only check the status LED when the vehicle is parked safely and turned off.

WARNING: Distracted driving

Do not install the device in a way that can distract the driver of the vehicle.

Do not install the device so that the LED is directly in the driver's line of sight

CAUTION: Risk of Ingress of Water

- Mount the device using screws to maintain IP rating.

- Allow the device to reach the same temperature as the water, before cleaning.
- Do not wash or clean a hot device with water colder than the device.
- Do not pressure clean.
- Do not clean with chemicals.

WARNING: Modification of device may cause a hazard!

Changes or modifications made to this device not expressly approved by Trackunit are not permitted and may void the FCC authorization (FCC part 15.21) and other authorizations to operate the device. Unauthorized modifications can destabilize the device and increase the risk of overheating, fire, and explosion.

CAUTION: Hot Surface

Direct sunlight or warm temperatures can make the surface of the K300 hot to the touch. Use gloves to touch the device.



CAUTION: Disposal

Safely decommission the device in an appropriate way in accordance with local laws. Contact Trackunit directly for further help if necessary.

WARNING:

Do not open the device as it will void warranty

Do not attempt to repair the device or exchange the batter.

If there are any safety concerns, disconnect the device from the vehicle, and contact Trackunit directly.

FCC/ISED mark

This device contains radio transmitters that comply with CFR 47 Part 2.1091, Part 15.247 of the FCC rules and with RSS-102 and RSS-247 of Industry Canada requirements.

- FCC ID: ZMF-K300
- IC: 9746A-K300

CE mark:

This device complies with the essential requirements of the RED 2014/53/EU directive as stated by the EU Declaration of Conformity. EU Declarations of Conformity (DOC) can be downloaded from the Trackunit website:

<https://trackunit.com/guides-manuals/>

International approvals:

Other countries approvals are listed in the product Compliance Manual, which can be downloaded from the Trackunit website: <https://trackunit.com/guides-manuals/>

FCC/ISED IC Notice

This equipment complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). 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.

Documents / Resources

	Trackunit K300 Access Control Unit [pdf] Instruction Manual K300, K300 Access Control Unit, Access Control Unit, Control Unit, Unit
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References

- [User Manual](#)

Manuals+. [Privacy Policy](#)

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