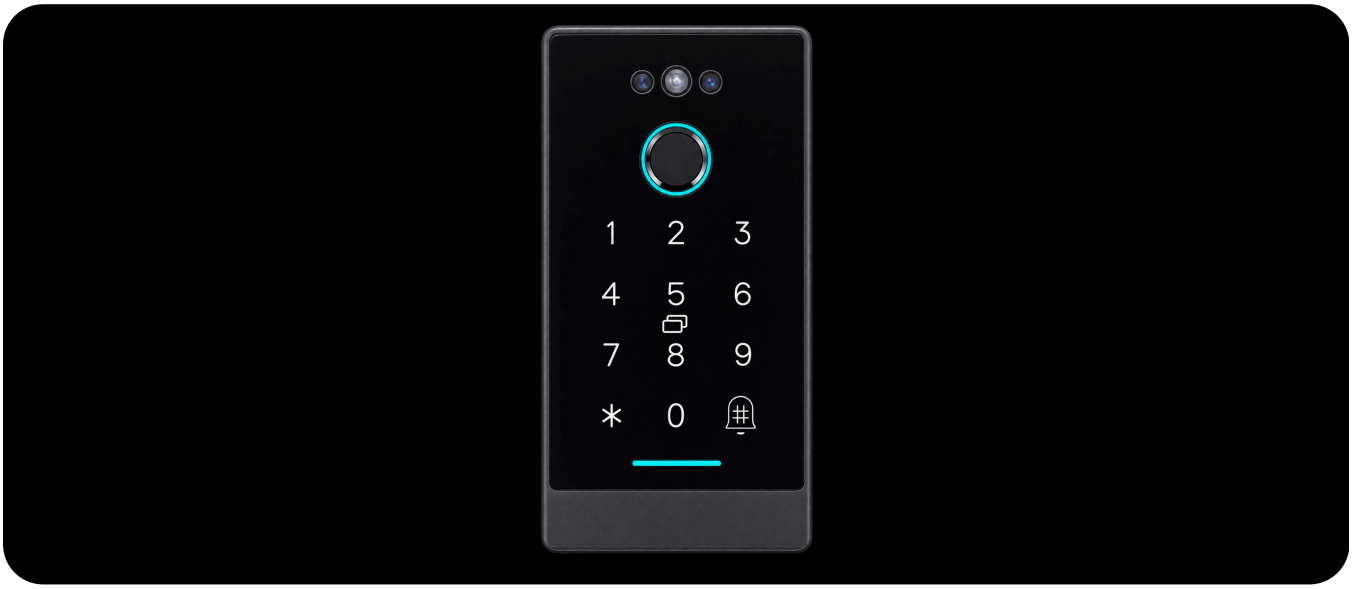
JINK

PRODUCT INFORMATION

User manual

JINK Smart Access Control

Matter over Thread



Included product

This product includes the access-control terminal only. Power supply, electric lock, exit button, doorbell, cards, remote controls and network hubs are not included. A qualified installer must specify the rest of the system.

Professional installation is required. Disconnect power before installation or wiring. The terminal uses external 12 V DC; never connect mains directly. Match the electric lock, power supply, relay load, emergency exit and local installation requirements before use.

Before handover

The installer must register the first administrator, replace initial administrator information with a private credential, verify safe entry and exit, and hand over the working configuration to the owner. Follow the actual voice prompts; contact JINK if initial administrator information is unavailable.

Access and credentials

Recognize the front

Top sensors: facial recognition. Circular area: fingerprint reader. Number keys: PIN entry. Card symbol: card-reading area. Bell key: visitor signaling with the configured external bell.

Everyday access

Present an enrolled face, touch the fingerprint reader with an enrolled finger, enter an authorized PIN or present an enrolled compatible card. Follow the terminal feedback. Keep fingers and recognition areas clean and dry.

Enter administrator mode

Press ***# → administrator code → #**, then follow the voice menu. In menus, ***** returns or exits and **#** confirms or continues. **0** cycles pages only on a supported long-menu variant.

Enroll users

1. Enter administrator mode; choose **2 User settings**.
2. Choose **1** for PIN/card/fingerprint enrollment. Enter the new PIN, present the compatible card, or touch the reader as prompted.
3. Choose **2** to enroll a face. Face the sensor area and complete the actual voice-guided capture.
4. Wait for confirmation, exit with ***** and test the new credential.

Delete credentials

Under User settings, **4** deletes PINs, **5** cards, **6** fingerprints and **7** faces. The standalone deletion flow may delete a whole credential category. Check the voice prompt before confirmation; use a supported management interface when individual removal is required.

Card credentials are separate purchases. A card reader does not establish Apple home key, phone NFC or palm-vein access. Local credentials and Matter platform controls have different management scopes.

Installation

1. Confirm the mounting surface, door type, compatible electric lock, power supply, cable route and emergency egress.
2. Use the actual mounting plate to locate the cable pass-through and four fixing points. Measure from the supplied hardware; do not infer hole spacing from marketing images.
3. Remove the mounting plate and secure it to the wall. Route the cable without pinching it.
4. With power isolated, match the harness labels and colors to the verified electrical plan and equipment terminals.
5. Fit the terminal to the plate and secure the retaining fastener.
6. Test normal access, exit release, loss-of-power behavior, bell response and credential revocation before handover.

System equipment

The terminal needs a separately specified 12 V DC power supply and compatible electric lock. Exit button, external bell, cards, remote controls and network hubs are also separate. Select contact arrangements and electrical ratings from the actual equipment documentation.

Do not cut or modify a harness until the connector and wiring plan have been verified. Do not obstruct emergency egress. Mounting details and lock behavior depend on the selected door system.

Harness and wiring

Match these definitions to the actual supplied harness and installation plan before connection.

#	Wire	Label	Function
1	Red	+12 V	12 V DC input
2	Black	GND	Supply ground
3	Orange	NC	Normally closed contact
4	Yellow	COM	Relay common
5	Green	NO	Normally open contact
6	Blue	SW	Exit-switch input
7	Gray	BELL1	Bell terminal 1
8	White	BELL2	Bell terminal 2

Connection relationships

External 12 V DC → terminal +12V / GND

NC / COM / NO → verified lock or supply control circuit

Exit switch → SW / GND as specified by the wiring plan

Compatible bell → BELL1 / BELL2

NC, COM and NO identify relay contacts; they do not specify an output voltage or load rating. Follow the selected supply and lock documentation. Isolate power before making connections.

Matter over Thread setup

Matter is an IP-based smart-home connectivity standard. It gives compatible devices and control systems a common language. This terminal uses Thread to connect to a compatible Matter controller for supported access controls.

A compatible Matter controller and Thread border router are required; one device may provide both roles. A standard Wi-Fi router does not replace a Thread border router. Remote access also requires an online hub and platform support.

Add to a Matter platform

1. Set up the compatible Matter controller and Thread border router for the selected home.
2. Keep the terminal powered and within Thread coverage. Place it in a pairable state according to the current firmware prompts.
3. Open the platform’s add-device flow and use the terminal’s Matter setup code.
4. Complete the platform prompts, assign a room/name and test the controls actually exposed.
5. To add another platform, use the original platform’s Matter sharing flow to obtain a new pairing code. Keep administrator and setup information private.

Platform guidance

Examples of Matter-enabled platforms. Device-type support, available controls and credential management depend on the platform, terminal firmware and region.

Apple Home · Google Home · Amazon Alexa · Samsung SmartThings

Matter · Thread

Local biometric/PIN/card management is separate from the standard controls a Matter platform exposes. Use the Matter setup flow for this edition.

System settings and reset

System menu

In administrator mode, choose **6 System settings**. Follow the voice prompts for time, language, volume, PIR, anti-pry and factory reset. Network, RF-remote and master/slave linkage entries apply only to a matching configured function or separately supplied device.

Factory reset

Only an authorized installer should perform the following powered low-voltage procedure. Reset may remove access credentials and connection settings. Confirm backup entry and emergency exit first.

1. Keep the verified 12 V DC supply on. Temporarily link the **gray BELL1** lead to **black GND**.
2. Maintain the temporary link for approximately **3 seconds**, until reset mode is announced.
3. Remove the temporary link. Keep the normal power and GND connection intact.
4. Enter **000#** on the keypad and follow the reset confirmation.
5. Register the administrator and required credentials again, restore the applicable Matter connection and test normal entry and exit before handover.

Secure operation

Do not leave initial administrator credentials in use. Remove obsolete access promptly. Review a deletion or reset prompt before confirming; avoid resetting merely to add a second Matter platform.

PRODUCT INFORMATION

Care, specifications and support

Care

Wipe with a soft, lightly damp cloth. Keep recognition areas clean. Do not use abrasive cleaners or spray liquids into openings. Use the product only in the environment confirmed for the installation.

Troubleshooting

- No power: have the installer verify the 12 V DC supply, polarity and connections.
- Recognition fails: confirm enrollment and permission, clean the reader and try an authorized alternative method.
- App unavailable: check the Matter controller, Thread border router, power, coverage and platform setup.
- Lock or bell does not respond: check the separately supplied equipment and the verified control circuit.

Technical specifications

Model	H3D
Dimensions	150 × 80 × 22 mm
Power	12 V DC
Connectivity	Matter over Thread
Local access	Face / fingerprint / PIN / card

Support

Provide the model, firmware information, installation details and a description of the problem to JINK.

JINK support · matter@jinkhome.com