



RAPID
TECHNOLOGIES

kisi

Product overview and technical documentations

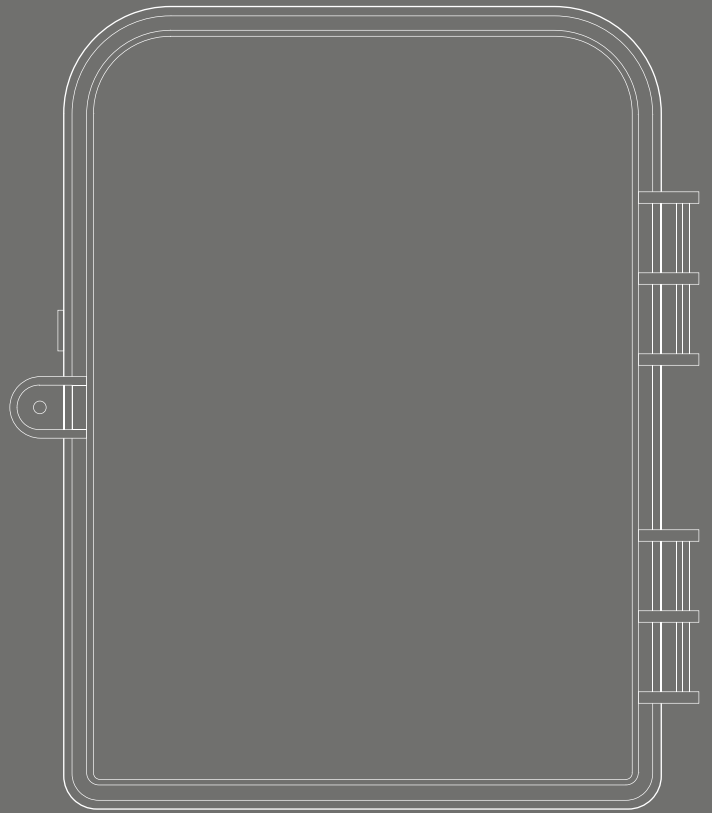
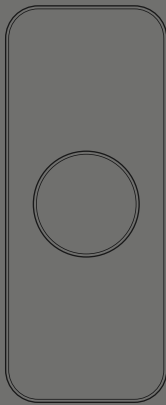


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Kisi Reader Pro

CAT6 wired from the reader's location back to the internet/network switch in the IT room, maximum distance about 300ft.

Kisi Controller Pro

18/2 gauge wire from controller to electronic lock location. If a magnetic lock is being used, 18/4 gauge wire is recommended to connect the additional motion sensor or request to exit (REX). Additionally, magnetic locks need a key switch or backup pin pad to be installed

Electric lock

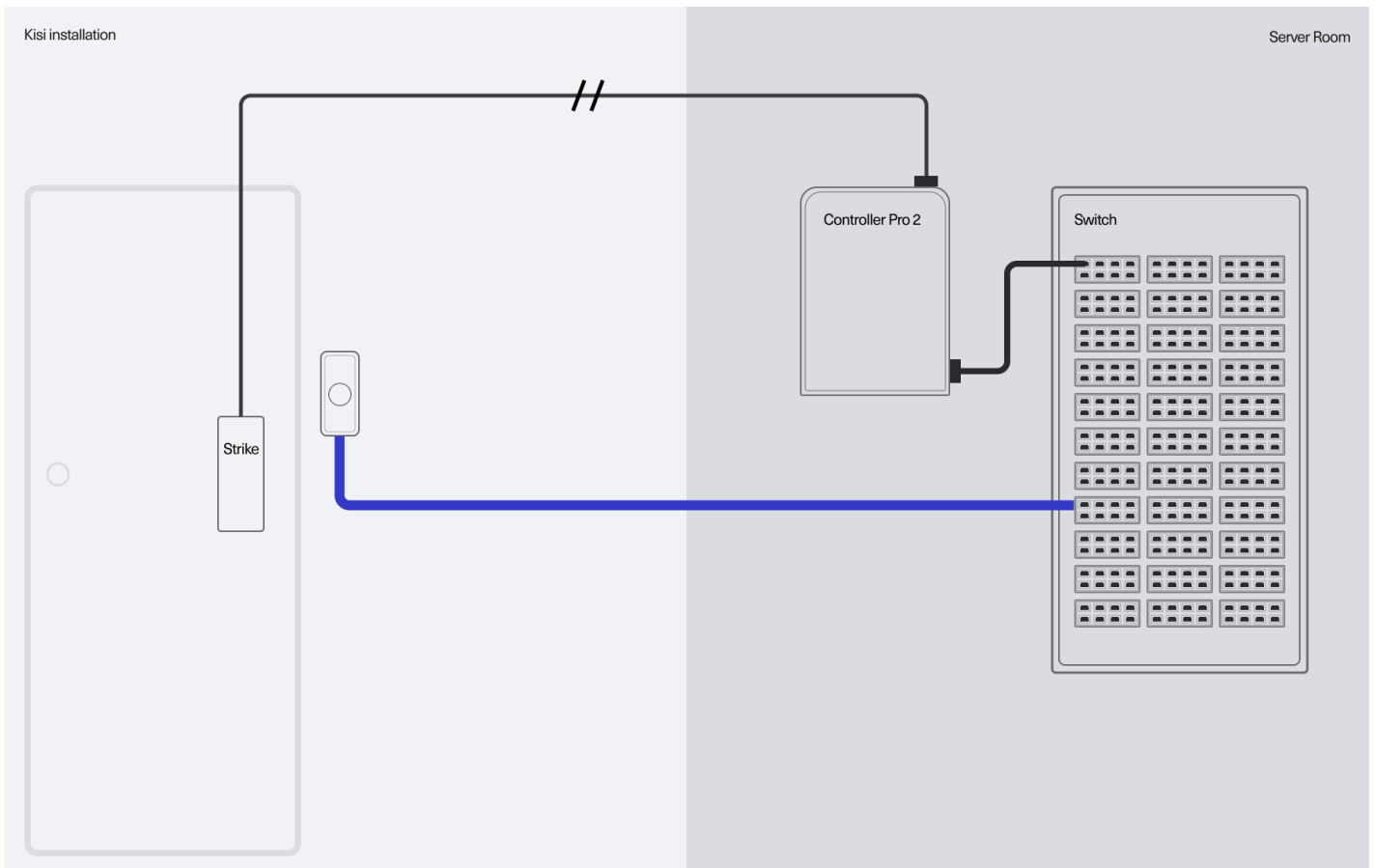
Kisi is generally compatible with any electronic door lock, specifically: electronic strikes, magnetic locks, electrified mortise locks. Typically locks will be recommended and installed by a locksmith/integrator.

Power supply

Electric strikes can be powered from the Kisi board. All wired electronic locks up to 24V can be connected to Kisi. Anything higher than 24V will need an external power supply. Magnetic locks always need external power supplies.

Fire alarms

It is recommended to use an external power supply to connect Kisi to fire alarms. [Learn more about fire alarms here.](#)



[Learn more](#)

[Recommended resources](#)

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The Kisi Reader Pro is a wall-mounted access control device used for organizations of any size wishing to provide modern access control solutions to their members.

Key features

- Credentials: Physical (LF/RFID, HF/NFC) and mobile (BLE, NFC)
- Offline support: Fully encrypted and authenticated offline support for both cards and phones
- Cloud management: Cloud-based web app with cloud updates and potential local cache
- Updates: Over-the-air (OTA) updates that complete within seconds
- Feedback: Audio-visual feedback for unlock and other events
- Security: Secure boot, secure OTA, secure memory and secure connectivity



Features

Operating temperature
-4°F to 185°F (-20°C to 85°C)
Weather resistant

Operating voltage
12/24V DC
Power over Ethernet

Operating current
0.7A @ 12V DC
0.4A @ 24V DC
0.3A @ PoE

WiFi
2.4/5 GHz
802.11 a/b/g/n

Ethernet
10/100 Mbps

Cryptographic support
Increased Security

Bluetooth
Bluetooth 4.2

User feedback
LED signaling
Buzzer

NFC
13.56 MHz
Cards and fobs

RFID
125 kHz
Cards and fobs
Formats supported:
• HID 26-bit (H10301)
• HID 37-bit (H10302)
• HID 37-bit (H10304)
• HID Corporate 1000 35-bit

Dimensions
Height: 4.84 in (12.3 cm)
Width: 1.97 (5.0 cm)
Depth: 0.61 (1.5 cm)

Compliance
FCC
CE

Learn more

[Wiring diagram](#)

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Kisi Controller Pro 2 ^{KD-CP2}

Wiegand board ^{KD-WB1}

Bring enterprise-grade security to your business by deploying Kisi's cloud-based access control over your existing wiring and readers.

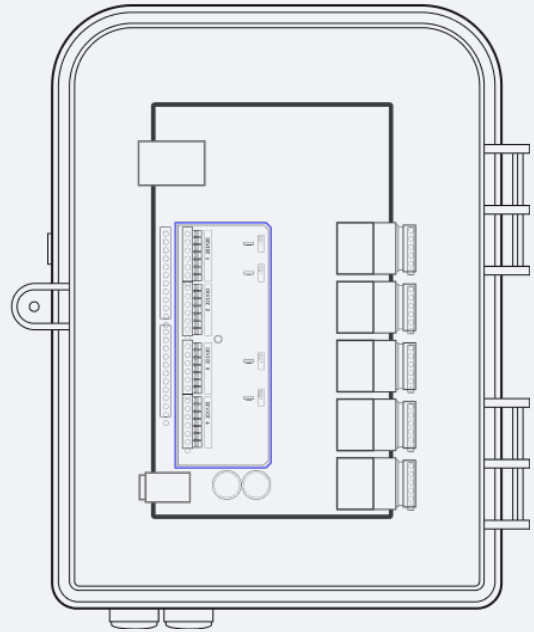
With the Kisi Controller Pro 2 you can easily migrate to the Kisi platform and modernize your access control system while keeping your existing wiring, readers, and even credentials.

New features

- Enhance your security with extra features, like intrusion detection or motion sensor, using the 12 generic inputs on the Kisi Controller Pro 2.
- Detect tampering with the new Tamper input
- The RS-485 interface input allows you to connect cameras or wireless contact sensors to your Controller.

What's in it for you?

- Secure as many doors as you want in a cost-effective way
- No disruption of operations, transparent for the users
- Reuse as much of your existing hardware as you want



Features

Power
24V DC (included)

Wiegand board adaptor connection
4x6 Wiegand in/output (12 volts direct current, GND, D0, D1, LED1, LED2, BZR)

Four dry or wet relays
Wiring to door security hardware: dry, 12/24 volts direct current; wet: max 0.25 ampere x 24 volts or 0.5 ampere x 12 volts per relay

One dry or wet relay
Wiring to intrusion detection hardware (siren/third party alarm systems): dry, 12/24 volts direct current; wet, max 0.25 ampere x 24 volts or 0.5 ampere x 12 volts per relay

12 generic inputs
Configurable as either contact sensor or request to exit

One Tamper input
To send a message whenever the Controller is tampered with

One RS-485 interface input
To support third-party devices, e.g. wireless locks or cameras

Updates
Secure over-the-air (OTA) updates

Connectivity
Via Ethernet

Learn more

[Controller Pro 2 | Wiring](#)

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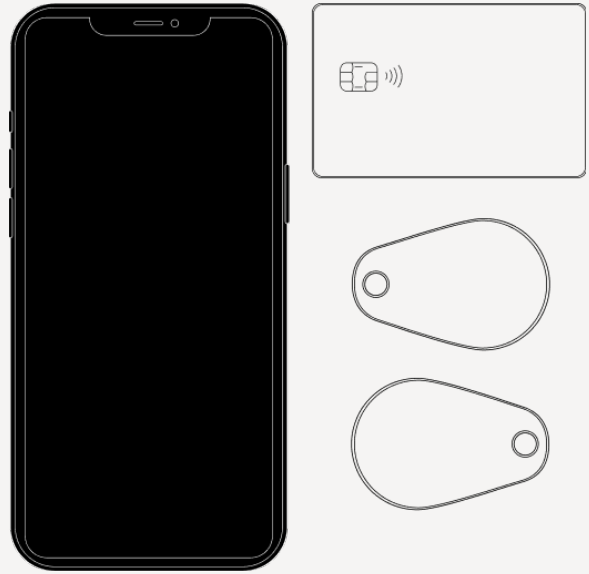
[Wiegand board | Wiring & Connection](#)



Flexible and customisable credentials

Getting in the office should be easy, however it must also be secure. Kisi offers flexible mobile and physical credentials that make sure access is easy and without compromise on security.

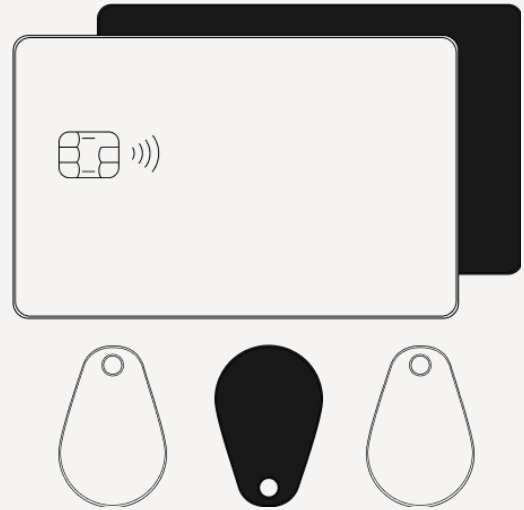
- Open API for integrating Kisi with your own apps
- iOS & Android apps
- NFC Cards and Tags



Customisable credentials

Kisi believes in integrations and customisations. We offer a range of credentials to make sure your credentials match your brand.

- Diverse credential methods in secure formats
- Branded credentials for employees
- End user can disable access



Black Pass
White Pass
Custom Pass

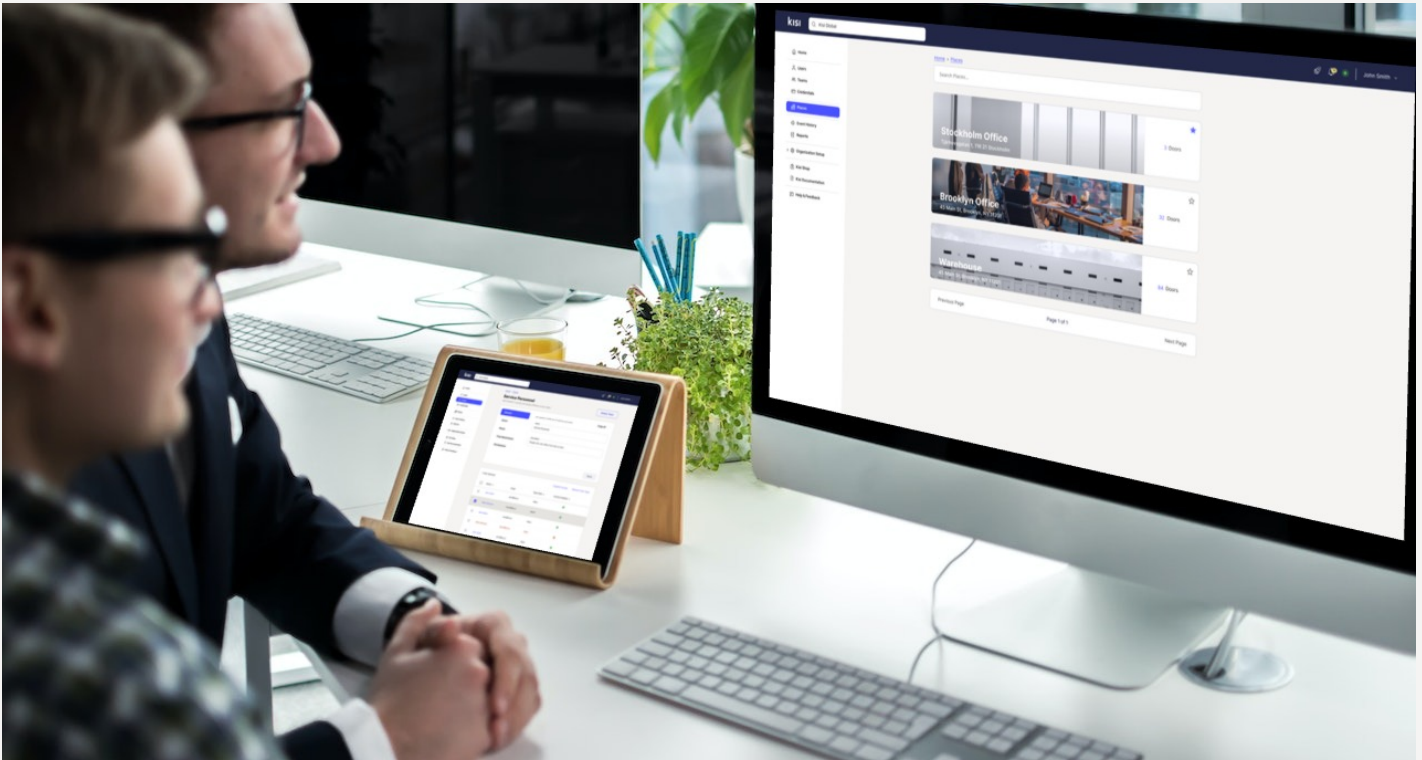
MIFare DesFire EV1 platform
Blank white front for printing
Custom design (min. 200 pcs)

Learn more

[Kisi access system](#)

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Powerful Access Control

Want to grant a new regional manager access to 5 locations? Kisi makes it straightforward and painless.

Kisi's secure web-based application empowers administrators to easily and effectively manage access rights for their entire organization.

Effortlessly grant and restrict user access to individual doors, pre-configured groups or locations, apply user.

Secure Remote Access

Our software makes it easy to securely share access rights and event logs of parties, such as vendors or guests, with approved third parties like law enforcement and legal professionals.

With Kisi, there is also the ability to remotely check the status of a door and unlock it — a potentially life-saving feature during instances of active threats or prolonged security incidents.

- Granular control for users, doors and locations
- Time-restricted access
- Detailed access logs

Learn more

[Kisi management](#)

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Contact us

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Write sales@rapid.co.uk
Read www.rapid.co.uk