# REMOOTIO PRO




Smart Access Controller for electric locks, gates, doors, barriers with Bluetooth Wi-Fi, Ethernet, and Internet connectivity for seamless local and remote access

## CONNECTIVITY

- Bluetooth 5.0
- Wi-Fi (2.4 GHz)
- Ethernet
- Internet (remote access)

## INPUT/OUTPUT

- 3x Relay Outputs (NO/NC)
- Input power: 5-24V
- 2x Inputs: contact sensor, push button, limit switch
- 2x Wiegand Inputs (keypad /card reader)

## SOFTWARE

- iOS/Android app
- App-free access
- User management 2000+ users*
- User groups, Multiple admins

# REMOOTIO PRO




## ACCESSORIES

- Camera
- microSD slot (logs, backups)
- Card reader
- Keypad

## WHAT'S INCLUDED IN A REMOOTIO PRO KIT

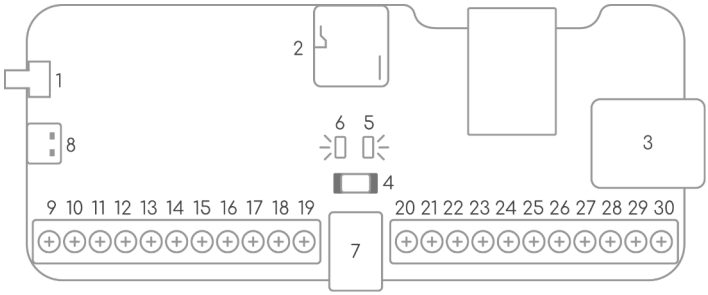
- 1x Remootio Pro unit
- 1x Control wire
- 1x Power cable
- 1x Sensor with 4m (13.12 ft) wire
- Double-sided adhesives
- Power adapter

## PRODUCT SPECIFICATIONS

- Dimensions: 132mm x 55mm x 25mm / 5.197in x 2.165in x 0.984in
- Max altitude: 2000m / 6562 ft
- Ambient temperature range: -20 °C to 50 °C / -4 °F to 122 F°
- Power supply: 12V DC nominal
- Input power tolerance: 5-24V DC, 12-24V AC
- Electrical consumption: < 2W
- Max rated switching voltage: 50 VAC, 28 VDC
- Absolute maximum switching voltage tolerance: 120 VAC, 30 VDC
- Rated load: 3A at 50 VAC, 3A at 28 VDC
- Max. RF power: < 20 dBm
- Wi-Fi protocol: 802.11 b/g/n
- Wi-Fi operational range (depending on local conditions): up to 50m / 164 ft
- Bluetooth protocol 5.0
- Bluetooth operational range (depending on local conditions): up to 30m / 98 ft

# REMOOTIO PRO

## REMOOTIO PRO PINOUT DIAGRAM




1: Reset button
2: microSD card holder
3: Ethernet port
4: Fuse
5: Power OK LED
6: Feedback LED
7: Power input (barrel jack)
8: USB-C connector
9: 12V output
10: Relay Output 1 – NO
11: Relay Output 1 – COMMON
12: Relay Output 1 – NC
13: Relay Output 2 – NO
14: Relay Output 2 – COMMON
15: Relay Output 2 – NC
16: Relay Output 3 – NO
17: Relay Output 3 – COMMON
18: Relay Output 3 – NC
19: Power input + (alternative to barrel jack)
20: Power input - (alternative to barrel jack)
21: Input 1 (IN1) (wire voltage-free input device between IN1 and 12V)
22: Input 2 (IN2) (wire voltage-free input device between IN2 and 12V)
23: 12V output
24: GND
25: Wiegand_2 D0 (for secondary wiegand device)
26: Wiegand_2 D1 (for secondary wiegand device)
27: Wiegand_1 D0 (for main wiegand device)
28: Wiegand_1 D1 (for main wiegand device)
29: Wiegand Buzzer control
30: Wiegand LED control

# REMOOTIO PRO

## KEYPAD




- Pin code entry via keypad
- Reads 125kHz EM cards
- Operating voltage 12-18 VDC
- Standby current ≤ 60 mA
- Working current ≤150 mA
- Read ranges: 2-6 cm
- Wiegand output interface for connecting to Remootio Pro
- Doorbell button can be connected to Remootio Pro
- Operating temperature: -40°C to 60°C
- Operating humidity: 0% to 98%
- IP rating: IP66 (waterproof)
- Metallic case

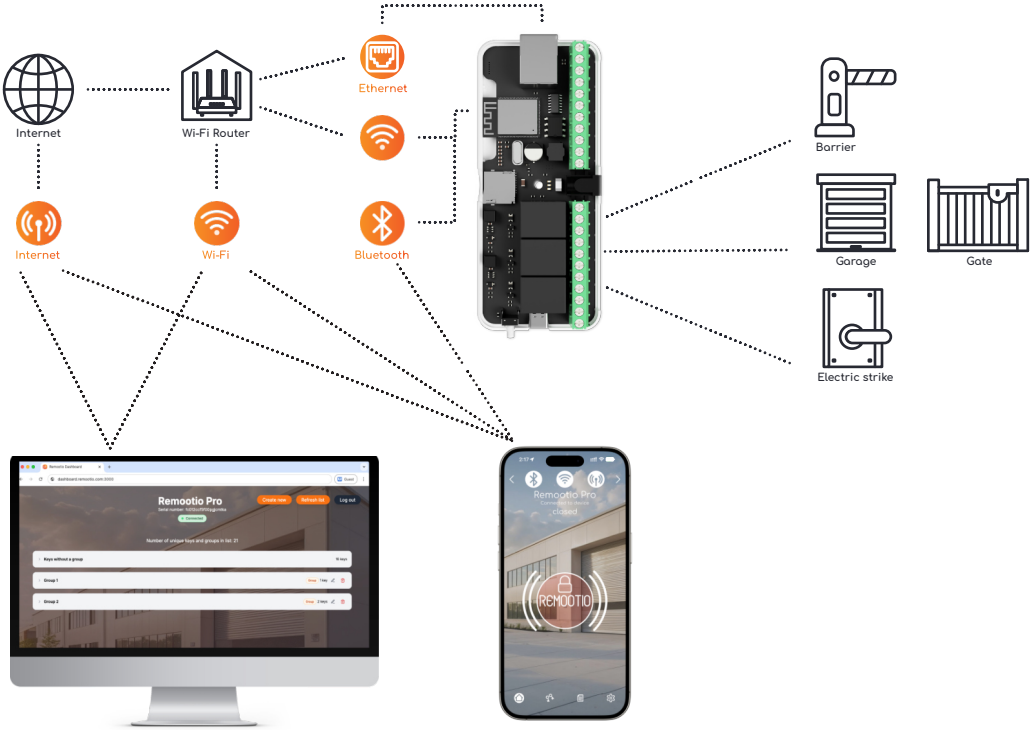
## CARD READER



- Reads 125kHz EM Cards
- Operating voltage: 9-18V DC
- Standby current: ≤ 25mA
- Read range: 0-6cm
- Wiegand output interface for connecting to Remootio Pro
- Operating temperature: -40°C to 60°C
- Operating humidity 10% to 95% RH
- IP rating: IP66

# REMOOTIO PRO

## MULTIPLE SIMULTANEOUS CONNECTIONS




- Remootio Pro can connect to your local network using both Wi-Fi and Ethernet at the same time
- The smartphone app automatically connects to the device via Bluetooth, local network, and the internet simultaneously for the most stable connection — no manual selection required
- In addition to the app, you can easily manage access from your computer using the Remootio Pro dashboard

# REMOOTIO PRO

SIM HOTSPOT CONNECTIVITY (NO ONSITE INTERNET)




- Control the Remootio Pro over the internet via mobile data & our SIM card Wi-Fi hotspot
- Power the hotspot directly from Remootio Pro for simple and easy installation