

REMOOTIO

technical datasheet

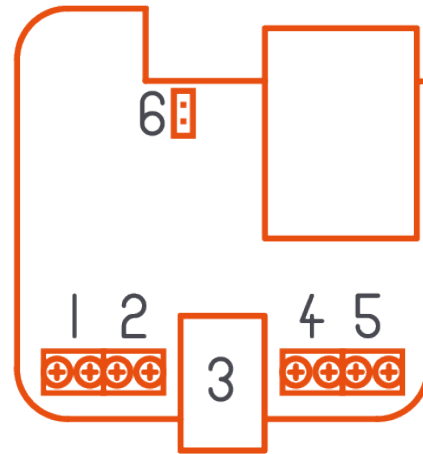
	Features	Details
Connectivity	Bluetooth	Bluetooth Low Energy.
	WiFi	WiFi (2.4Ghz). Remootio can be easily connected to your WiFi network by selecting the SSID from the list and entering the password. In this mode, no data goes through the internet.
	Internet access	Internet access via WiFi can be setup from the Remootio app with one click in the Remootio App.
Security	End-to-end encryption	256 bit authenticated end-to-end encryption between the Remootio device and your smartphone in all three modes (Bluetooth, home WiFi network and Internet). The setup process is also protected against hackers trying to get your virtual keys as it uses the highly secure, state-of-the-art Ephemeral Elliptic Curve Diffie-Hellman key exchange method, which together with the additional certificate validation and digital signature scheme, is resistant to eavesdropping, man-in-the-middle and other attacks.
Accessories	Doorbell	Get notifications on your smartphone if the doorbell button is pressed. The doorbell button must be a "normally open" button.
	Status sensor	Check if your gates and garage doors are closed. Either "normally open" or "normally closed" sensors can be used.
	Manual control button	The manual control button can be enabled or disabled from the app and can be used to either open or close your gates. The manual open button must be a "normally open" button.
Power input	12-24V AC 6-36V DC	Remootio's power input is polarity independent and works from 12-24V AC or 6-36V DC. Minimum current requirement for the power source is 500mA. If the power supply of your gate controller cannot supply the required voltage, please use the original Remootio Power Adapter.
Dimensions	54mm x 54mm x 20mm 2,126in x 2,126in x 0,787in 40g	Dimensions in millimeters: 54mm x 54mm x 20mm Dimensions in inches: 2,126inch x 2,126inch x 0,787inch Weight of Remootio device itself: 40g (1,41oz) Remootio is small enough to fit easily in the plastic enclosures of your existing gate opener electronics.
Outputs	Relay output	The relay output of the Remootio device shall be connected to the signal input terminal of your gate controller. Rated load: 0.50 A at 125 VAC, 1 A at 24 VDC Max operating voltage: 125 VAC, 60 VDC Max operating current: 1 A Max switching capacity: 62.50 VA, 30W
	LED output	LED blinking quickly (2-3 blinks per second): Remootio device is not set up. LED blinking slowly (1 blink every two seconds): Remootio device is operational via Bluetooth only. LED constantly on (no flashes): Operational via Bluetooth and WiFi as well.
Compatibility	iOS Android	The Remotio app is available for iOS (10.0 and above) as well as for Android (5.0 and above).
	Amazon Alexa	Remootio is compatible with Amazon Alexa. You can setup Alexa from the Remootio app by following the on-screen instructions.
Protection	IP rating: IP43	Remootio is not waterproof. If you use Remootio outside, place it inside a waterproof plastic enclosure in a vertical position (the cutouts for cables shall face downwards).

REMOOTIO))

Pinout diagram



PINOUT DIAGRAM



1 - MANUAL OPEN INPUT
2 - CONTROL OUTPUT
3 - POWER INPUT

GATE STATUS INPUT - 4
DOORBELL INPUT - 5
RESET PINS - 6

