

# What is GSM 'Caller ID' Remote Control?

Insert a SIM card into one of these units, where it then has a unique phone number which can be called from any phone whether land line or mobile anywhere.

When a call is made, the GSM system reads the 'Caller ID', then drops the call and then compares the number to its internal list of authorised callers. If a match is found, the relay(s) on board the unit are triggered. Because the call is dropped it is completely FREE.

The relay(s) can be used to control gates, barriers, doors, lights, machinery, heating and more...

As well as Access Control, **GSM Intercoms** are also available which allow two way voice confirmation before access is granted to a visitor and also have GSM Access Control built-in..



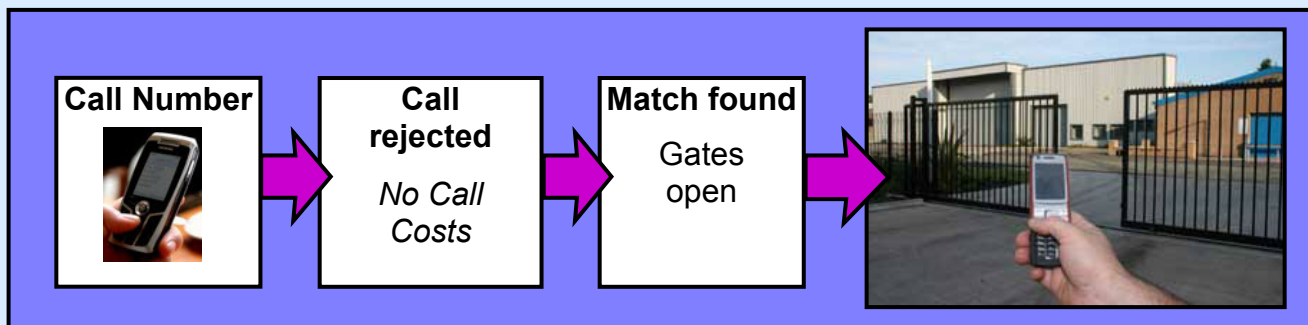
**GSM-EAGLE**

## Benefits?

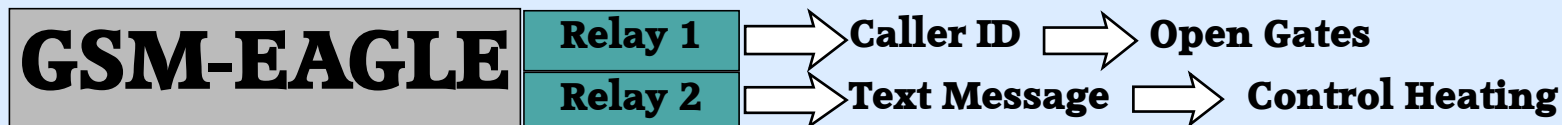
- Easy to install & configure
- Easy administration via text or call
- Quickly add/delete Caller ID's
- No call costs to operate
- Up to 4000 users stored
- Remote control from anywhere
- Reliable and easy to maintain

## Who is using them?

- **Domestic houses** - *electric gates*
- **Marwell Zoo** - *staff car park*
- **Caravan sites** - *visitor control*
- **Marinas** - *visitor control*
- **Golf Clubs** - *car park control*
- **Farmers** - *remote access*
- **Businesses** - *car park control*



### Scenario 1 - Gates & heating control



Set Relay 1 to Caller ID mode and Relay 2 to text message mode. This will allow the operator to call the EAGLE and open the gates or door to gain access. By texting Relay 2 it is possible to control the heating e.g. 'PWD123456 RFT2 3600' for 1 hour of heat.

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### Scenario 2 - Gates & lighting control



Set Relay 1 and Relay 2 to Caller ID mode. This will allow the operator to call the EAGLE and open the gates or door to gain access. By connecting Relay 2 to the the driveway lights via a light sensor will allow the operator to open the gates and turn on the lights for the set Relay time for a set time if it is dark.

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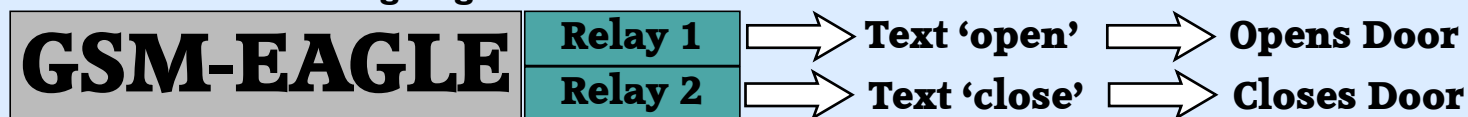
### Scenario 3 - 24 hour and business hours only access



Set Relay 1 and Relay 2 to Caller ID mode. Allocate managers Caller ID's to Relay 1 and Employees to Relay 2. Connect Relay 2 through a time switch. Employees can only gain access during working hours and managers anytime 24 hours a day.

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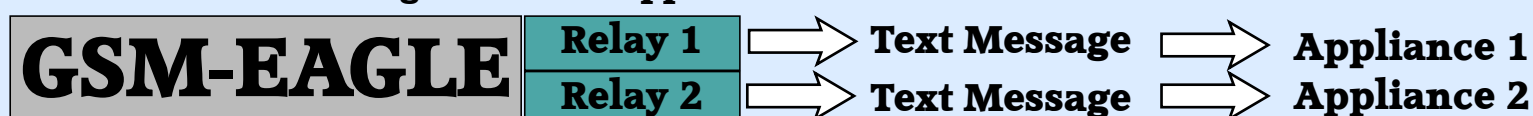
### Scenario 4 - shutter & garage door mode



Set Relay 1 and Relay 2 to 'Door' mode. This disables the Caller ID and the unit will only respond to a text message with the word 'open' or 'close'. When the text is received, the EAGLE will perform the requested action based on the word sent in the text message. This prevents accidental opening and closing by pressing redial on the mobile phone.

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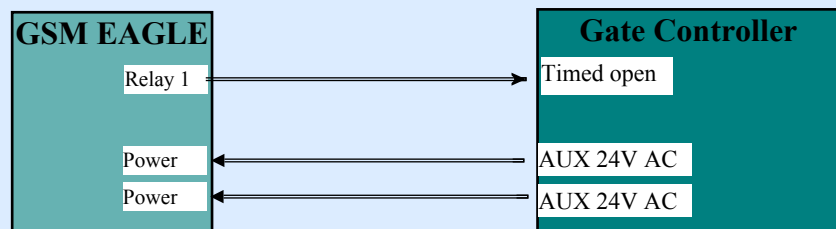
### Scenario 5 - Text message control of appliances



Set Relay's 1 & 2 to Text only mode. This disables the Caller ID and the unit will only respond to text messages. When the is connected to the EAGLE, send a text message in the format 'PWD123456 RFT1 3600' for Relay 1 to operate for an hour or 'PWD123456 RFT2 7200' for Relay 2 to hold in for 2 hours. The number in the text message is in seconds and the EAGLE can hold the Relays for up to 24 hours (86,400 seconds)

## Suggested installation - Gates & Barriers...

### Standard installation

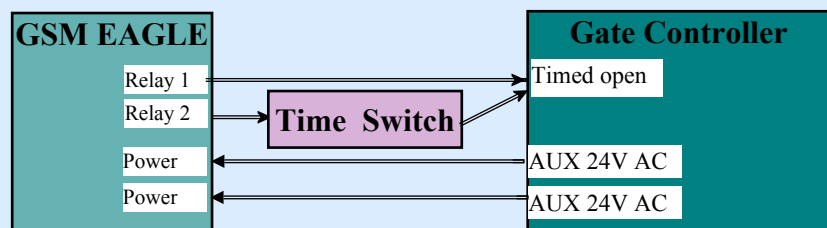


The gate controller is providing power for the GSM EAGLE from the AUX or 24v AC power circuit that is normally used for detection beams and other accessories.

The output Relay 1 is then connected across the 'Timed Open' circuit and the 'Common' connection normally found in control panels. In this scenario, once the gates have been triggered, they automatically close again afterwards on a time set within the control panel.

When a call is received from an authorised number, the GSM EAGLE's relay is pulsed and the gates start their open sequence.

### Time restricted



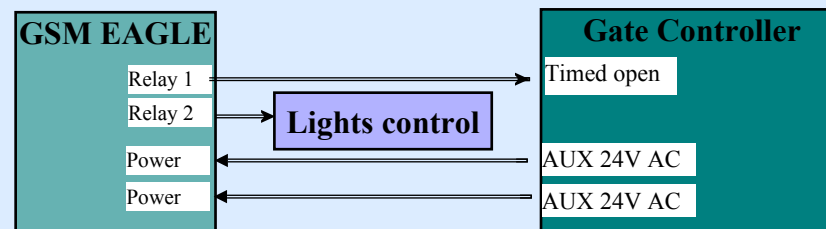
Relay 1 is connected direct to the gate controller and Relay 2 is connected via a time switch.

Only users associated with Relay 1 can access anytime of the day leaving others access only during set hours of the day or weekend..

When a call is received from an authorised number, the associated relay is pulsed and the gates will start the open sequence.

## Suggested installation - Gates & Barriers...

### Standard installation

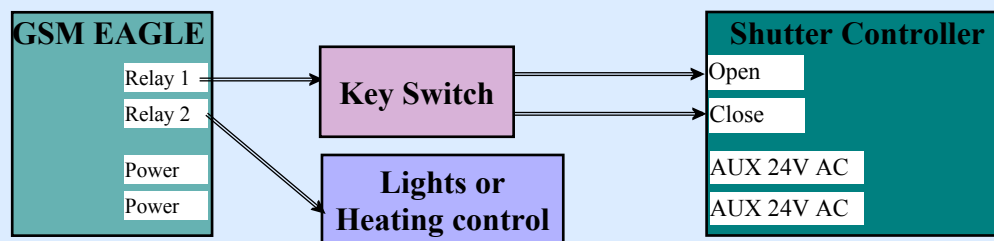


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### Interlock mode:



Connect the GSM EAGLE inline with the key switch supply, meaning unless an authorised call has been received, the switch cannot be operated or contacts or wiring 'shorted out'.

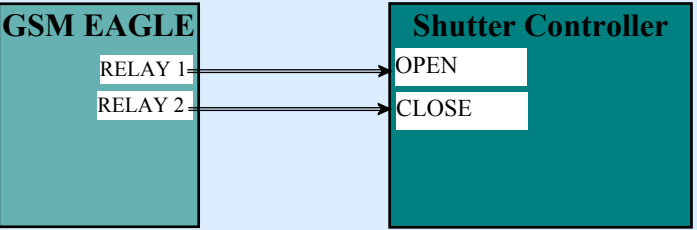
This stops unauthorised operation of the key switch or shorting out of the wiring in order to override the door. If the Relay 1 on the GSM EAGLE is set for 10 minutes, this would mean that after a call had arrived from an authorised number, the user has 10 minutes to operate the key switch and open the door before the key switch is again deactivated.

The spare relay can be used for light or heating control

Unless a call has been made or text has been sent, the key switch is inoperable...

# Suggested installation - Shutters & Garage doors...

## 'Door' mode:

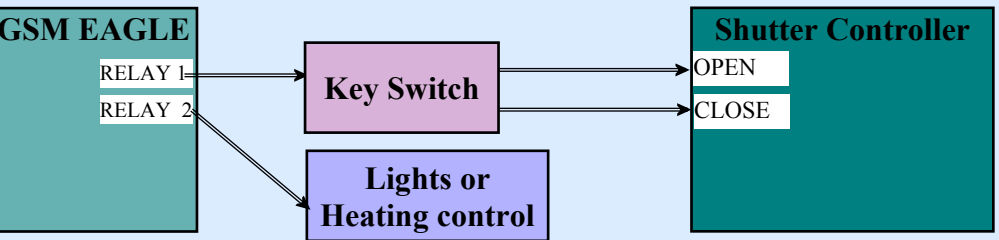


Set the GSM-EAGLE's relays to 'Door' control mode meaning they only respond to text messages.

Relay 1 is connected to the 'Open' circuit and Relay 2 is connected to the close circuit. In this scenario, a user known to the GSM EAGLE sends a text with the word 'open' and Relay 1 will operate for its set time in order to open the door. When the word 'close' is sent Relay 2 will operate, closing the door.

Using a combination of sensors and the GSM EAGLE's input, it is also possible to receive confirmation texts that the doors has reached the instructed position.

## Interlock mode:

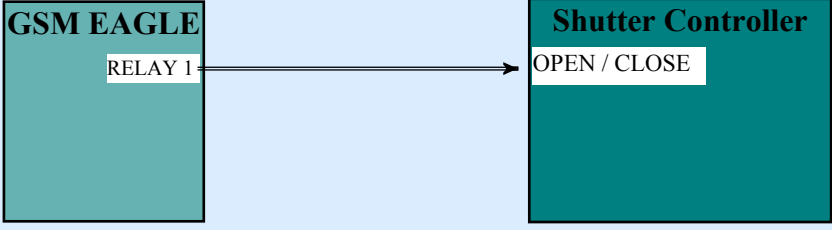


Connect the GSM EAGLE inline with the key switch supply, meaning unless an authorised call has been received, the switch cannot be operated or contacts or wiring 'shorted out'.

This stops unauthorised operation of the key switch or shorting out of the wiring in order to override the door. If the Relay 1 on the GSM EAGLE is set for 10 minutes, this would mean that after a call had arrived from an authorised number, the user has 10 minutes to operate the key switch and open the door before the key switch is again deactivated.

The spare relay can be used for light or heating control  
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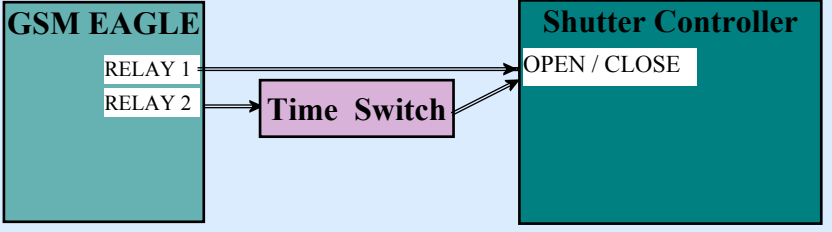
## Standard installation



The output Relay 1 is then connected across the 'OPEN/CLOSE' circuit and the 'Common' connection normally found in control panels. In this scenario, once the door has been triggered, they automatically close again afterwards on a time set within the control panel.

When a call is received from an authorised number, the GSM EAGLE's relay is pulsed and the door starts its open sequence.

## Time restricted



Relay 1 is connected direct to the door controller and Relay 2 is connected via a time switch.

Only users associated with Relay 1 can access anytime of the day leaving others access only during set hours of the day or weekend..

When a call is received from an authorised number, the associated relay is pulsed and the shutter will start the sequence.