

Remote Device - Smart GSM Remote Control Solution



Transmitters / Remote Sensor Options (examples)

- Waterproof (dependant on sensor type)
- Battery powered (mains compatible)
- Max 2x channels / inputs (7 wireless devices can be connected per channel allowing greater sensor coverage)

Receiver Switches (fitted to remote equipment (examples / your idea's))

- Battery powered Outdoor / Indoor Cameras & DVR's etc
- Battery powered IR Illuminators (non-visible light emitted)
- Battery powered Voice recorders & Audio Bugs etc
- Battery powered portable Wi-Fi Modules or similar data bearer devices (for remote Wi-Fi Cameras & listening devices etc)
- Max 2x channels / outputs (an unlimited number of wireless devices can be connected per channel allowing greater monitoring coverage and control). Each receiver allows up to 20VDC / 2A power switching

GSM Smart Controller Module

- Battery powered with deep sleep modes
- In-built scheduler based on days, hours and duration
- Configurable active high / low inputs
- 2x inputs / 2x outputs (inputs are paired with outputs i.e. input1 with output1 and input2 with output2)
- Configurable and intelligent deep sleep modes
- All options remotely configurable via SMS
- Up to 5x SMS recipients / users with caller ID command security
- In-built Li-Ion charger with micro USB socket
- Configurable low battery SMS alert level
- Wired and / or Wireless connectivity to devices
- Optional GPS with mains power disconnect alert



Radio / RF signal(s) transmitted from remote sensor(s) / transmitter(s) to the Smart Controller module.

-  Standard PIR Sensor
-  Low Profile Sound Sensor
-  Low Profile Dual PIR Sensor
-  Covert Night PIR Sensor
-  Physical Remote Control
-  Your Sensor Idea's / Transmitter Options

Radio / RF signal(s) transmitted from the Smart Controller module to the remote equipment / receiver switch(es) in order to enable / power-up the equipment / device(s).

Brief System Description

When the wireless remote sensor(s) detect movement or sound (dependant on the sensor type / your idea), they will transmit a signal to the above Smart Controller. The Smart controller will then transmit a signal on either channel 1 or 2 (based on which input channel has been activated), to the remote equipment / receiver switch(es) in order to activate it / them for a pre-configured time / duration (depending on the configured settings & associated schedule). The controller will also send any configured recipients an SMS alert allowing you to know when sensor / equipment has been activated.

The GSM Smart Controller can be configured to react based on every day / all hours or on specific days between hours HH:MM and HH:MM and keep the remote equipment enabled for XX minutes. It can also be configured to enable the remote equipment every day or on specific days at HH:MM for XX minutes.

4G Wi-Fi Module



Book Camera / IR



IR Illuminators



DVD Camera



Rock Camera



Air Fresh Camera



Radio Camera



Fence Post Camera



Junction Box Camera



Receiver / Switch Module(s)

