



GSM Remote Camera - Specification

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The GSM Remote Camera is a GSM/GPRS enabled colour camera that can be located anywhere in the world with GSM coverage to deliver full colour VGA JPEG images on request or on activation of external events.

The pictures can be requested manually by dialup from a PC using a standard modem or you can send a command to the camera to take a picture by SMS or email.

The camera also has caller ID so it can be programmed to recognise

the caller and automatically send an image by FTP, email, HTTP POST to a web server or directly to your own custom server.

The camera is also equipped with extensive I/O capability to allow remote reading of external sensors and automatically take pictures on detection of sensor change.

The camera may also be programmed to respond automatically by activating one or more of its outputs to provide an immediate time critical response while also informing the programmable recipients of the nature of the event. These sensor events can be reported by SMS, email, to a central server or by voice messages to a standard telephone.

The pictures can be sent by email as an attachment, direct to a web server using FTP or HTTP POST or to a central server. The optional audio feature can also provide remote audio communications and allow remote DTMF keypad control.

The camera also has a DVR capability using removable SD or MMC cards.

The recording process can be activated remotely, or on-site, by activating one of the inputs. With a 1GB memory card the camera can store up to 60,000 colour JPEG images of 320x240.

The Remote Camera is typically powered from a mains adaptor or 12V battery but it also has its own optional backup battery that allows the camera to keep operating for up to two days in the event of main power failure.

Multiple RS485 cameras may also be daisy-chained from the master GSM remote camera to provide wide area coverage. A single broadcast command can also request all cameras to take a picture at the same time.

For those situations where cabling RS485 is difficult there is also an RF option that allows our RF JPEG camera to be sited at a remote location and deliver images to the GSM base unit over RF.

The camera also has a web server option so that you can take a picture in real-time using the internet and you can do this with a PC or mobile phone using a standard web browser. Just call up its home page and you'll be presented with a web page where you can just click and take a picture. This version usually requires a fixed IP SIM.

