



The FloodWatch unit is part of the GSM based Watch series. The fw01 has four directly cabled flood inputs. An optional radio receiver can be added to allow inputs from wireless flood detectors. The use of wireless flood detectors allows much larger areas to be covered without the disruption and expense associated with wiring.

All products in the Watch range are truly stand-alone and are suitable for use in the most remote locations. The only limitation to use is the availability of a GSM signal. The FloodWatch unit is battery powered, which are user replaceable, with a life expectancy of around two years (depending on usage). The unit can be powered by an external 9v supply if required.

Many GSM alarm units use off the shelf GSM modems. These GSM modems have a habit of losing communication usually due to problems with the network, this may only happen once or twice a year and normally all that is required is a simple manual re-set of the modem module. However not that easy if it is 200 miles away, the costs associated with someone traveling to site are high. The worst case is a missed alarm.

Watch series products use our own proven GSM communication modules. The GSM module has an onboard micro controller acting as a watchdog for the modem. Should any problem with network connectivity be detected the modem will be automatically re-set and re-connected to the network.

The system stores up to 8 telephone numbers for sending SMS messages to. Once an alarm has been registered the alarm message is sent to the first programmed number. If there is no response the other numbers are called in order until a response is received. The delay time for a response is user programmable. The Alarm message contains alarm number, alarm information and site name.

All set-up is done via the USB interface using the simple setup program, which is supplied free. A heartbeat message can be programmed at user-defined intervals, low battery text message is sent on low battery. SIM card required.



Front on view

FloodWatch GSM

Product Code FW01
Series AlarmWatch

Typical Applications

- ° Remote stores
- ° Computer rooms
- ° Basements
- ° Museums

Instrument

Dimensions: 200 x 120 x 80 mm (excludes antenna and cable glands)

Weight: 0.95 Kg

Power Supply: 5 x 1.5 volt alkaline C cells (recommended option) 9 volts DC connection 2.1mm DC jack

Battery Life: 2 years (depending on use)

Case Material: ABS

Humidity: 0 to 95 % non -condensing (operating and storage)

Temperature: (-10 to +50° C operating)(-10 to +70° C storage)

Inputs

Direct Inputs: 4 x specialised flood cable inputs

Wireless Inputs: 1 x Narrowband FM receiver (optional)

GSM Specification

Network Compatibility: For use on GSM/GPRS networks at 850 MHz to 1900 MHz (Quad Band)

Aerial Connection: SMA socket

Aerial Type: Stubby straight/right angle + remote mount on 2mtrs cable

Accessories

Code

- Y055 Set up communications cable
- G204 Replacement 1.5V Alkaline C cell battery
- V015 Copper extension cable (supplied by the metre)
- L259 In-line junction box
- V053 Flood Cable (supplied by the metre)
- G116 DC power supply
- G117 UK power cord
- G118 EU power cord
- G122 US power cord



Fixed aerial



Contact inputs