



The SMS Watch unit is part of the GSM based Watch series. The AW04 is designed to act as an alarm portal for the Hanwell range of monitoring systems. It is connected via a USB port to the server running the Radiolog master application

The system receives out of condition and/or system alarms generated from Hanwell's Radiolog wireless monitoring system. Alarm groups are set within Radiolog allowing specific types of alarms from specific sensors to be directed to individuals or groups. This can be further refined by specifying days, and times within those days, that alarms should be sent to the members of any particular alarm group.

When used in validated environments system events such as attempts to access the system or edit settings can be flagged and an SMS text message generated and sent to designated users.

Unlike other products in the Watch range the AW04 is normally mains powered; however an internal battery back is provided to allow messaging should a mains power failure occur.

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.

A heartbeat message can be programmed at user-defined intervals from the PC software. Mains failure alarms and communications lost alarms are handled directly by the AW04 unit. Up to 8 numbers can be programmed directly into the unit for alarm notification in the event of a USB communication break or mains power failure. In the latter case the batteries will be used to power the GSM module.

A data enabled SIM card is required.

## SMSWatch GSM

**Product Code** AW04  
**Series** AlarmWatch

### Typical Applications

° On-line alarm generation from Radiolog wireless monitoring system

### Instrument

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

**Weight:** 0.95Kg

**Power Supply:** 12 volts DC connection 2.1mm

**Battery Life:** 2 years (batteries are only used in event of mains failure)

**Case Material:** ABS

### Operating & Storage

**Humidity:** 0 to 95 % non -condensing

**Temperature:** -10 to +70° C

### Inputs

**Alarm Inputs:** 1 x USB

### GSM Specification

**Network** For use on GSM/GPRS networks

**Compatibility:** at 850 MHz to 1900 MHz (Quad Band)

**Aerial Connection:** SMA socket

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

### Accessories

**G204** Replacement 1.5V Alkaline C cell battery