Features

- Monitor light status using any cell-phone or Avlite's secure website user-portal login
- Reports pre-programmed alarm conditions automatically to designated cell-phone numbers
- Remote control of light settings
- Light responds only to authorised users
- GSM system uses encryption to make messages secure
- Internally integrated system available with a range of Avlite lights to maintain IP68 waterproof rating
- Access lantern diagnostics remotely - anytime, anywhere via SMS text message!
- Flexibility of user-setup
- Web server setup enables ease of access to lantern diagnostics and historical data via the web

Combined internal GSM/GPS aerial

IP68 waterproof rating maintained with internally integrated components

Internal GSM Motorola® module

Shown without lens
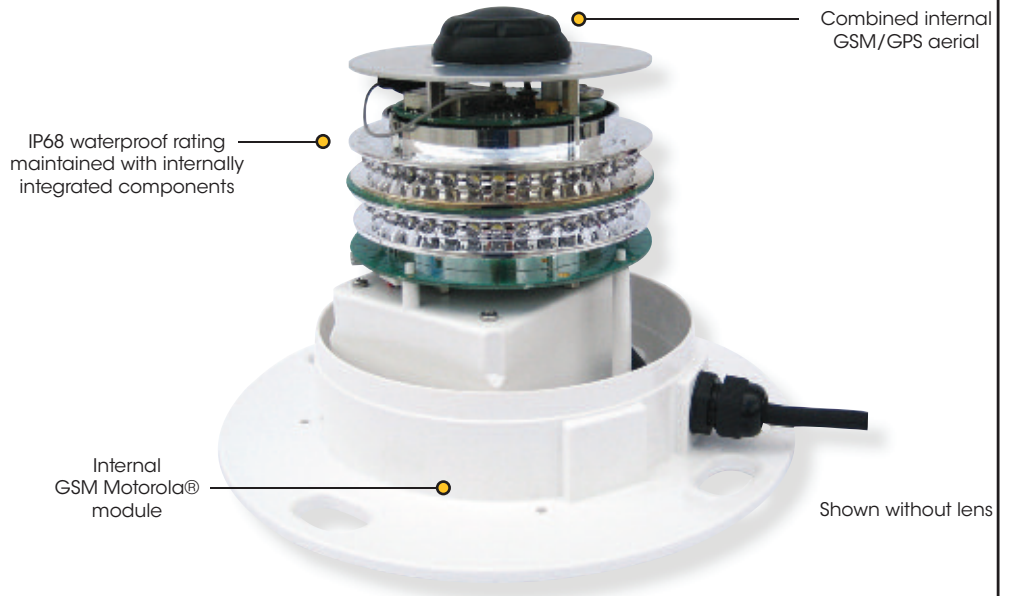
A selection of Avlite lights are available with GSM Cell-Phone Monitoring. This is a cost effective option giving operators remote control over flash code and intensity settings as well as other features for GSM-enabled lights. The system can also be configured to send out warning SMS text messages to designated cell-phone numbers.

The GSM Monitoring System is a completely integrated module (housed internally within the light), designed to allow convenient monitoring of Avlite lights using a cell-phone and web access from remote locations. Each light is fitted with its own SIM card, which provides a designated cell-phone contact number for each individual light. Any network operator can be used providing they have GSM coverage.

To access the light's diagnostics, the user simply sends the light an SMS text message command, and then receives an auto-reply SMS text message outlining the details. In addition, this information is accessible via a secure user-login portal area of the Avlite website. Immediate information about your installation can be viewed in an easy-to-read PC interface. Historical data about each individual light over the period of its service life is also available from the website.

Award Winning Technology

In June 2009 Avlite Systems' parent company, Sealite Pty Ltd, was awarded the prestigious, international "Duke's Choice Award" in the category of "Technology & the Environment" for the GSM Cell-Phone Monitoring & Alarm System. Winners of the Duke's Choice Award are selected by the 'father of Java', James Gosling, Vice President of Sun Microsystems, and a panel of Java technology experts at Sun.

The award is judged on the innovation and creativity of projects using Java™ technologically-based applications that benefit customers, industry and society, and highlights Avlite's advanced knowledge and use of software in the product range.

2009 DUKE'S CHOICE AWARDS WINNER
Java™
Sun Microsystems

systemsinterface
total airport **solutions**

Unit 71.5 Dunsfold Park, Cranleigh, Surrey GU6 8TB, United Kingdom
Tel: +44 (0)1483 267 066 Fax: +44 (0)1483 267 044 Email: sales@systemsinterface.com
www.systemsinterface.com

Monitoring Conditions

- Battery voltage
- Solar module charging current
- Light current draw
- Light position - Latitude and Longitude (if GPS fitted)
- Day/night on status
- Current flash setting
- Internal lantern PCB temperature: Normal/High

Control Features

- Flash setting
- Intensity setting
- ON/OFF
- Watch circle

Available Pre-set Alarms

- Low battery voltage
- High PCB temperature
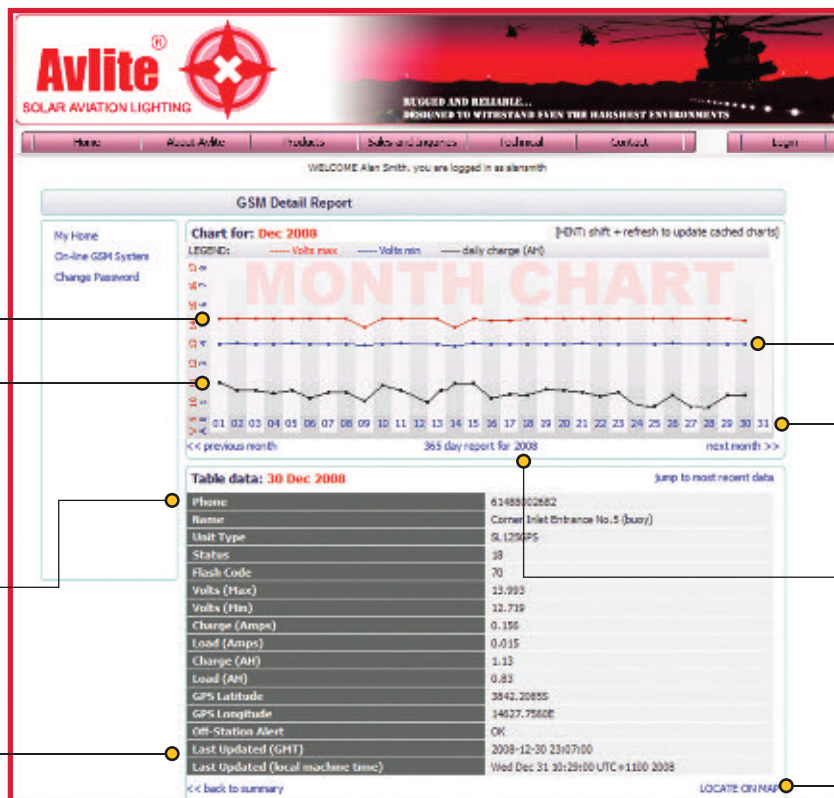- No GPS data (available when GPS fitted)
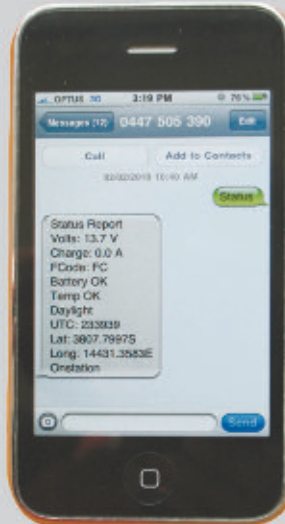
Monitor GSM light installations via Avlite's secure website user-login portal

Shows maximum battery voltage over the last 24 hour period

Shows total amount of solar charge added back into the battery system over the last 24 hour period (dependent on local weather conditions)

SIM card cell-phone number (international format eg. +61488002682)

Other table data shows operational condition of individual GSM lights

Shows minimum battery voltage over the last 24 hour period

Click on a specific date to view the operational data for that day in the table below

View graphed data as a yearly chart (365 day report) or monthly chart

Click "LOCATE ON MAP" to view a map of the position of the GSM/GPS light installation