GSM Cell-Phone

Monitoring & Alarm System

GSM

Features

- Monitor light status using any cell-phone or Avlite's secure website user-portal login

- Reports pre-programmed alarm conditions to designated cell-phone numbers and email addresses

- Remote control of light settings

- Light responds only to authorised users

- 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

- Trend analysis of historical data enables proactive maintenance scheduling

- Low cost monitoring

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 alarm SMS text messages to designated cell-phone numbers. Users can also have alarms and reports sent to designated email addresses.

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, email 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 and can also be set up to report to specified email addresses. 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.
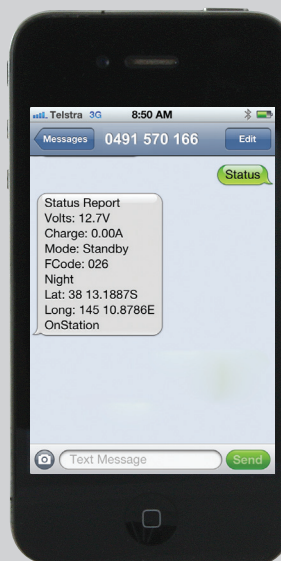
Monitoring Conditions
- Battery voltage
- Solar module charging current
- Light current draw
- Light position - Latitude and Longitude (if GPS fitted)
- Day/night on status
- Current flash setting

Control Features
- Flash setting
- Intensity setting
- ON/OFF

Available Pre-set Alarms
- Low battery voltage
- No GPS data (available when GPS fitted)

.ıll Telstra 3G   8:50 AM

Messages   **0491 570 166**   Edit

Status

Status Report
Volts: 12.7V
Charge: 0.00A
Mode: Standby
FCode: 026
Night
Lat: 38 13.1887S
Long: 145 10.8786E
OnStation

Text Message   Send

Monitor GSM light installations via Avlite's secure website user-login portal

Detail Report - Tower Obstruction Light 1

Chart for: Nov 2013   [HINT: shift + refresh to update cached charts]

LEGEND: ----- Volts max   ----- Volts min   ----- daily charge (AH)

MONTH CHART

01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

<< previous month   365 day report for 2013   next month >>

Alarms   NOTE: Alarm data may not appear in normal table data until after the next regular reporting cycle

Alarm	Information	Alarm Report (GMT)
No GPS Data		2013-11-16 13:03:00
No GPS Data		2013-11-17 03:52:00
		Clear Alarms

Table data for: most recent   jump to most recent data

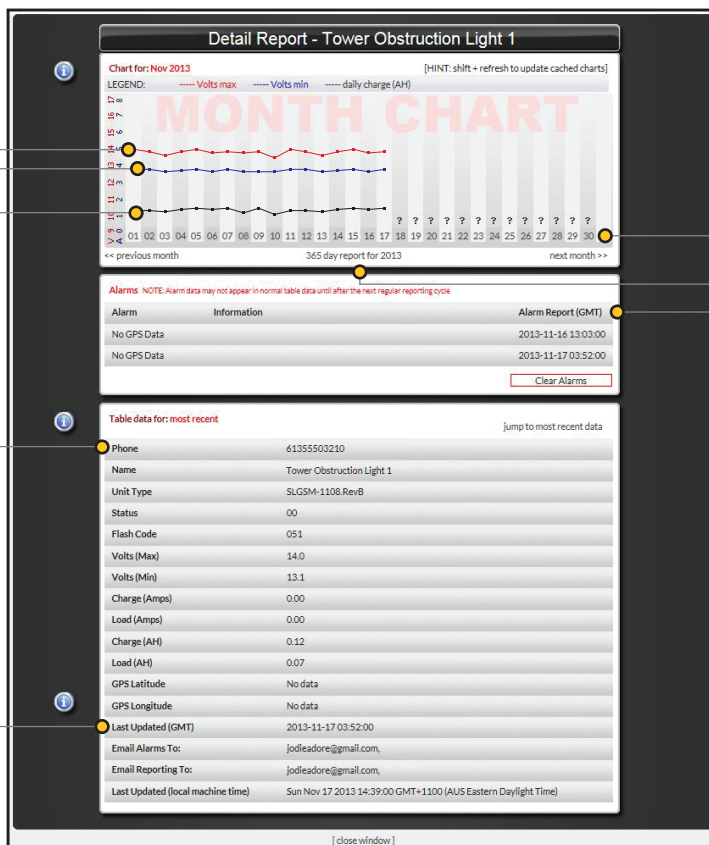|	
Phone	61355503210
Name	Tower Obstruction Light 1
Unit Type	SLGSM-1108.RevB
Status	00
Flash Code	051
Volts (Max)	14.0
Volts (Min)	13.1
Charge (Amps)	0.00
Load (Amps)	0.00
Charge (AH)	0.12
Load (AH)	0.07
GPS Latitude	No data
GPS Longitude	No data
Last Updated (GMT)	2013-11-17 03:52:00
Email Alarms To:	jodieadore@gmail.com,
Email Reporting To:	jodieadore@gmail.com,
Last Updated (local machine time)	Sun Nov 17 2013 14:39:00 GMT+1100 (AUS Eastern Daylight Time)

[close window]

Shows maximum battery voltage over the last 24 hour period

Shows minimum 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 lanterns

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

View details of alarms that have been triggered