

# SIGNAL LIGHT ILLUMINATOR (SLG)



The Silent Sentinel Signal Light Illuminator (SLG) is designed to control Air Traffic from a remote location when using a Silent Sentinel Pan and Tilt positioner (Osiris PTU or Jaegar PTU) when fitted with the signal light illuminator and the relevant combination of the Silent Sentinel powerful thermal and visible sensors.

When combined with a PTU and sensor, the cameras stream live video to the operator who can be in any remote location away from the airport. Using the signal light illuminator, the controller can signal the aircraft and use the cameras to zoom in to areas of interest. All of these functions combined, develop the situational awareness of the controller, and provide them with the tools to control an airfield from a remote location.

The positioner (PTU) and cameras options supplied with the signal light illuminator are available in various resolutions and lens configurations to suit the specific requirements at each location. There are also options for ancillary equipment such as microphones and data transmission devices.

## KEY FEATURES

- Compliant with UK CAP393, The Air Navigation Order and ICAO Annex 14 Vol 1
- When combined with suitable camera, the SLG meets optical specifications of FAA-E2214a
- Compatible with the Silent Sentinel Osiris and Jaegar PTU's
- IP67



\* Typical SLG when deployed with the Osiris PTU option and the 30:1 HD visible camera option

## TECHNICAL SPECIFICATION

Light Source	LED - Red, Green and White 3° apex angle with output: White 14,298 candela Red 14,298 candela Green 14,298 candela Each colour bank has 4 LEDs with intensity and luminosity greatly increased by specially designed lenses
Range	Greater than 4.1 miles (6.6km) in clear daylight conditions Tested through tinted double glazed glass at 2.3 miles (3.7km) and up to 8 miles (12.8km) in clear daylight conditions
Standards	Compliant with UK CAP393, The Air Navigation Order and ICAO Annex. 14 Vol 1. Meets optical specifications of FAA-E2214a
Rapid Release Mechanism	Yes
IP Rating	IP67
Fixing Material	Stainless Steel
Material	Iridited aluminium, white powder marine grade paint finish (other colours are available upon request)
Operating Temperature	-30°C (-22°F) Up to 65°C (149°F) (-40°C with optional heater)
Part Number	RHT07SLGW