

# Long-range PIRs to prevent the theft or damage of solar panels



## The site

Rural crimes have been on the rise with an increase in targeted intrusion in remote locations which can be particularly vulnerable. Thieves will often target remote locations or holiday homes under the impression that no one would be watching or even aware of the crime until months later.

## The challenge

The challenge was to provide perimeter protection using a curtain of detectors linked to remote video and alarm monitoring. The owner wanted an overall solution that was quick and easy to install, price competitive, and with easy and quick alignment with Area View Finder which is an optional detection area adjustment tool. The installer had used alternative PIR technologies in the past but switched to REDWALL SIP due to the excellent capture performance of the SIP compared to alternative brands that produced too many false alarms and were difficult to align.

## The solution

25 REDWALL SIP100 units were specified per site to cover the perimeter using a networked CCTV system, with three alarm outputs per detector for precise camera identification

The SIP was chosen because of its unique features including area masking, built-in creep zone, detection range selector and unique REDWALL PIR sensitivity algorithm. The REDWALL 404/5 sensors are specifically designed for use in small to medium-sized external areas. Rugged and durable construction and reliable operation make them ideal for use as motion sensors in remotely monitored CCTV applications where Preset Dome cameras are to be used. The areas of coverage have been designed to match common

## Models: REDWALL SIP 100

The SIP-100 is a hardwired model providing a detection range of 100x3m, it features 3 total outputs: two separate outputs for far and near areas and another for creep-zone



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