Spectur Solar Powered 3G/4G Beach Based Shark Alert System

Spectur's Shark Alert System is a highly effective cloud based warning system. It is completely stand-alone, battery and solar powered with its own 3G/4G comms to the Cloud. It issues a remotely activated, pre-recorded spoken message at high volume, alerting beach goers that a shark has been sighted in waters off their beach. In addition to the audio, a bright red flashing light is also activated. These warnings can be turned off remotely and an all clear sounded.

It is very fast and easy to deploy as no power or internet services are required.

Being a Cloud based system, alarms are triggered remotely, from any location, from the Spectur web login, or from the Spectur app (Apple and Android). The system can also integrate into all major shark warning systems and be activated by these too.

Spectur offer a range of camera lenses to suit different site locations and conditions. For further advice and assistance please contact your local Spectur Solutions Representative

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The system bridges the time gap between a shark being sighted and authorities reaching the beach to close it down. Spectur's Shark Alert System can be triggered the moment a shark sighting is confirmed. This means that people on the beach will be alerted not to enter waters that local authorities know are a hazard. The system is also powerful enough to alert people in the water, up to a distance of 500m.

In addition to the light and audible messages, the system also has a high definition camera that allows authorities to remotely watch beach activity in real time from their phones or computers, from anywhere, over the 3G/4G network. When the system is activated the camera also records the behaviour of people on the beach. This creates a useful record that can be used to modify how the system informs the general public of a shark sighting.

Spectur have been using their technology in the field for 5 years and have over 1000 systems deployed across Austrialia. Many in coastal locations. Things like battery back-up time, weather sealing, ruggedness, have all been well proven.

Spectur is an ASX listed West Australian company, and all systems are designed, manufactured and tested in Perth.

MAIN FEATURES

- Solar & Battery powered.
- 3G/4G Connectivity to Spectur's Cloud Management Platform.
- 98db spoken pre recorded warnings.
- 50w LED light.

- Remotely controlled via smartphone app (Android or Apple App) or PC and Mac.
- Live viewing in full HD.
- Full remote programming.
- Designed and built in Australia.

SPECIFICATIONS

Camera	3.4MP HD Camera Module.
Internal Computer	Quad Core Processor – 64GB eMMC card 2GB ram. Spectur analytics software built in power amplifier.
Enclosure	Powder coated custom designed aluminium case IP65 key entry. Built in cooling vents. Perspex window 42 x 34 x 22cm. Custom mounting bracket included.
Solar Panel	100w Custom mounting bracket 780 x 670 x 3cm. Total weight 8kg.
Battery	12v 50ah Deep cycle lead acid. Weight 15kg.
Communications	3G/4G Router – Standard size SIM.
Speaker	98 db horn speaker.