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ERB7 Solar Emergency Warning Solution

The ERB7 Advanced Emergency Warning and Communication Platform acts as the first responder, lifeguard, or ranger when one isn't available. It delivers camera vision and connectivity to remote sensors, combined with broadcast alerts, spoken messages, and high-visibility lighting to warn and inform. The system also enables two-way communication through a camera-enabled VoIP phone, allowing direct contact with a control room or emergency personnel when assistance is needed.



Government | Utilities & Telecommunications | Construction | Mining
Designed and manufactured in Australia

Speak with a
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Features



High-resolution live streaming and recordings with a powerful 4K 96° NDAA-approved camera.



High-powered loudspeaker to deliver fully programmable spoken alerts and warnings to a wide area.



Bright warning lights, visible at long distances, to alert the community out.



Two-way, noise-cancelling communication to allow the public to contact first responders.



Hardened and integrated electronics, firmware updates and remote reset of all systems.



Simplified, IP67 rated wiring harness and connectors, ensuring reliability and ease of maintenance, upgrades and modularity.



Designed and manufactured in Australia, for Australian conditions, by Australians.

EMERGENCY WARNING SYSTEMS

Improving Safety in High-Risk Environments

The ERB7 is a next-generation emergency response solution designed for remote and high-risk environments where traditional personnel presence is limited. Acting as a virtual lifeguard, ranger, or first responder, the ERB7 combines HD camera vision, connectivity to environmental and hazard sensors, and a range of alert mechanisms including high-visibility lighting and pre-programmed spoken messages. The system features ruggedized, camera-enabled VoIP communication with advanced noise-cancelling technology, enabling clear two-way audio and one-way video contact to a designated control room or emergency contact. Simple to operate, the ERB7 is programmed to dial a single number and is managed through a streamlined web portal for control and integration.

Specifications

Cameras	NDAA-approved Lowlight 4K video cameras.
Field of Vision	Powerful 4K camera with 96° horizontal FOV, 52° vertical FOV, and 114° diagonal FOV.
Modular	Designed to suit an increasing range of 3rd party cameras and other sensors.
Motion Detection Range	25m (nighttime) >25m for daytime operations.
IP67	Maintain operations in harsh conditions with IP67 rated core components.
4G Connectivity	Dual antenna outputs for enhanced 4G connectivity.
Processor	Quad Core Processor with Spectur Analytics software built in.
Storage	Onboard and cloud (MS Azure) for instant and remote access.
Rapid Installation	Inground, concrete block, mobile base, or trailer mounted options as well as custom brackets for any location.
VMS Integration	Integration Suitable for integration with most VMS.
User Interfaces	Native iOS and Android apps alongside web browser for desktop.
Power	Matched to STA-Power solar battery solutions.

