PRODUCT OVERVIEW

SiteBox Rural

Remote monitoring architecture for agricultural and low-connectivity environments.



Engineering concept render. Physical configuration remains subject to validation.

Typical applications

Agriculture, remote equipment, rural infrastructure and environmental observation.

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ENGINEERING INFORMATION

Technical specifications

Specification	Proposed configuration
Installation	Fixed remote monitoring station
Power	Proposed solar and battery configuration
Solar mounting	Separate elevated mounting option
Camera system	Configurable outdoor IP cameras
Connectivity	4G or other suitable available connectivity
Sensors	Temperature, humidity and optional weather sensing
Storage	Local recording option
Offline operation	Proposed local storage and delayed synchronisation
Autonomy	Dependent on load, solar resource and battery configuration

Key capabilities

Remote operation
Configured for environments without convenient mains power or fixed networking.

Environmental intelligence
Optional connected sensors for operating and environmental conditions.

Independent storage
Proposed recording architecture that can retain observations during connectivity interruptions.

This document describes an engineering configuration under development. Specifications, performance, component selection and availability remain subject to validation. No certification is implied.