PRODUCT OVERVIEW

SiteBox Pro

Modular autonomous monitoring station combining cameras, independent energy infrastructure and connected sensors.



Engineering concept render. Physical configuration remains subject to validation.

Typical applications

Construction sites, infrastructure, remote industrial environments and temporary monitoring installations.

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ENGINEERING INFORMATION

Technical specifications

Specification	Proposed configuration
Enclosure	Ground-mounted industrial equipment cabinet
Camera system	Expandable fixed and PTZ camera configuration
Camera mounting	Independent or cabinet-mounted mast
Power supply	Solar, battery or hybrid configuration
Solar installation	Independent elevated mounting structure
Energy management	Battery monitoring and solar charge regulation
Connectivity	4G, Ethernet and optional Wi-Fi
Processing	Local edge computing architecture
Storage	Local recording with proposed remote synchronisation
Sensors	Environmental, power and equipment-status sensing
Remote management	Proposed device health and configuration dashboard
Physical validation	Enclosure rating, wind loading and electrical performance pending

Key capabilities

Independent energy architecture
Solar panels may be installed on a separate elevated structure to reduce exposure to accidental damage.

Modular monitoring
Camera, sensor and computing modules are selected according to the site requirements.

Local resilience
Designed to support local operation and recording when external connectivity is unavailable.

Remote equipment intelligence
Proposed health reporting for power, connectivity, storage and connected sensors.

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