Mobile Surveillance Unit

MSU PRO SOLAR+

ECAM

Smart. Sustainable. Reliable.

The MSU Pro Solar+ is a next-generation Mobile Surveillance Unit designed for tough environments and a greener future. Powered by solar energy and a carbon-neutral methanol generator, it delivers reliable off-grid performance with minimal emissions and low operating costs. Its rugged design ensures durability in extreme conditions, making it ideal for remote or high-demand sites.

Engineered for 24/7 autonomous operation, the MSU Pro Solar+ supports advanced cameras, lighting, and real-time remote voice communication—allowing security teams to speak directly to deter threats on the ground. Whether you're protecting critical infrastructure, construction sites, or public events, the MSU Pro Solar+ offers a powerful, eco-friendly solution for modern mobile surveillance.

BENEFITS
- Green Energy Solution
- Advanced AI-Powered Live Video Monitoring + Human Expertise
- Faster Incident Detection & Response
- Proven Crime Deterrent
- Reliable Security in Challenging Environments
- Unmatched Value & ROI

IDEAL FOR
- Extreme Weather Climates
- Low Sunlight Areas
- Off-Grid Deployments
- Green Initiatives

ADVANCED TECHNOLOGIES
- Maintenance and Service
- System Health Check
- Video Monitoring
- Video Review
- Artificial Intelligence (AI)
- Log Reports
- Advance Health Check Monitoring
- Project Dash (In-House FOV Review)
- Monitoring Redundancy

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Features

SIZE AND WEIGHT

Dimensions: 18'H x 10'L x 80"W

Weight: 2,100 lbs

Foldable Solar Panels: Perfect for easy transport

Cables Within Mast: To prevent power from being cut

Methanol Generator: Provides clean backup power 24/7

Autonomous Operation: Surveillance with minimal upkeep

Camera Options: HD (Default), LPR, PTZ, Thermal 4K (Time-Lapse), Multi-Sensor

Lights: Four (4) High efficiency LED lights

Power Input: 120 VAC solar

Field of View (FOV): 360° coverage

Wireless Communications: 4G/5G LTE Wireless broadband with cellular router (Sprint, Verizon and AT&T) 900MHZ WiFi for directional and non-directional application

OPTIONS

❯ Infrared Motion Sensors

❯ Photo Beams

❯ Thermal Camera

❯ Archiving/Time-Lapse Services

❯ Strobe Lights & Siren

❯ High-Definition Cameras

❯ Two-Way Audio

❯ Video-Verified Alarm Systems

❯ Intelligent Video Analytics (IVA)

❯ Long Range LED and Infrared

❯ Equipment Health Check Software

❯ Digital-Signage Add-On Option

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