

Mobile Solar Surveillance Trailer with 4G Camera

This mobile solar surveillance trailer provides a remote security solution with 24/7 monitoring. It features solar panels, a high-capacity battery, a telescopic mast, and a 360° rotatable CCTV box for flexible deployment.



ADDITIONAL IMAGES



Overview

BIOLUX
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HiSOLO™ Solar CCTV Trailer

- Off-grid Operation
- 24/7 Monitoring
- Instant Deployment
- Weatherproof Build
- Remote-Controlled Ops
- Anti-Theft Design

Mobile solar surveillance trailer providing off-grid, 24/7 monitoring capabilities.

Mobile Solar Surveillance Solution

This mobile solar surveillance trailer provides a fully off-grid, 24/7 security solution designed for rapid deployment in remote or temporary locations. Engineered for durability, it features a hot-dip galvanized, weather-resistant structure with an integrated telescopic mast and high-capacity solar power system. It is an ideal choice for construction sites, event security, and traffic monitoring where grid power is unavailable.

Power System



Detailed view of the rotatable solar panels and the surveillance mounting box.

Solar Panel Configuration

1200 W

Max Power Output

180 degrees

Rotation

Battery Storage Options

- GEL: 9600Wh / 12000Wh
- LFP: 8038Wh / 14336Wh

MPPT Controller

50A/45A with Remote Battery Monitoring

Surveillance & Mast

Telescopic Mast Height

6.5m / 8.5m / 9m

CCTV Box Features

350° Rotation, 6-Sided Structure, Internal Cooling Fan, 4 Strobe Lights, POE Switch Included

Camera Capacity

6 units

Construction & Durability

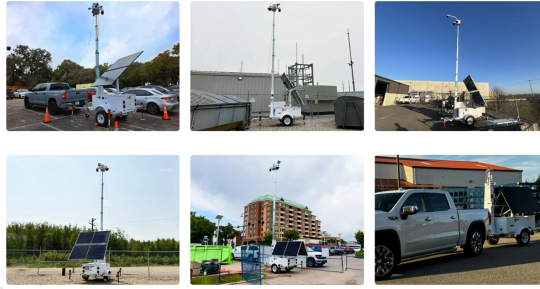
Durability Rating

IP65 Waterproof • Hot-Dip Galvanized

Operating Temperature

-20°C to 55°C

Logistics & Deployment



The trailer deployed for remote site security and surveillance.

Trailer & Mobility Features

- Single Axle
- Foldable Tow Bar
- Forklift Holes
- Lift Rings
- 4x Manual Y-Shape Outriggers

Container Shipping Capacity

Container Type	Capacity
20GP	6 units
40HQ	14 units