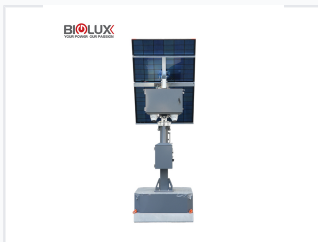


Mobile Solar CCTV Tower with Telescopic Mast

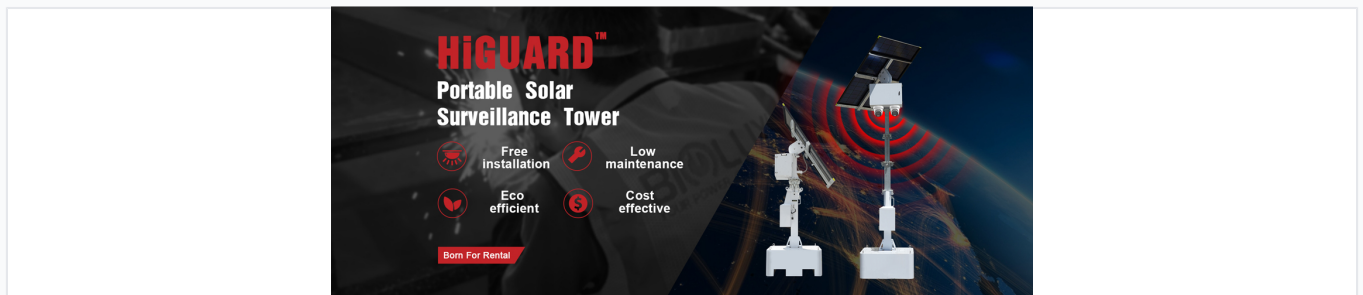
This mobile solar CCTV tower provides a self-contained security solution powered by solar energy. It features a telescopic mast for adjustable camera height and is designed for remote locations or areas where grid power is unavailable.



ADDITIONAL IMAGES



Overview



Compact and portable design for rapid security deployment.

Mobile Solar Surveillance Solution

This compact, mobile off-grid solar CCTV tower is engineered for temporary security deployment in remote or infrastructure-limited locations. It integrates a high-efficiency 450W bifacial solar panel, a robust LFP battery system, and a 3.5m hot-dip galvanized telescopic mast for elevated monitoring. Designed for rapid relocation via forklift or lifting rings, this solution provides reliable, autonomous surveillance for construction sites, events, and rental applications.

Power System



Adjustable solar panel with 180° rotation and 90° tilt for maximum energy harvest.

Battery Capacity Options

2560Wh • 4019Wh

Solar Panel Power

450 W

MPPT Controller

20A or 150/35A (with remote monitoring)

Mast & Deployment



Forklift-compatible base design ensures safe and efficient transport.

Telescopic Mast Height

3.5 m

Mast Material

Hot-dip galvanized steel

Deployment Features

Forklift-compatible, 4 Lifting Rings, Manual Winch, Hollow fillable base

Performance Metrics

Performance Overview

72 hours

Runtime

4.8 hours

Min Charge Time

360 kg

Base Weight

Technical Specifications

Detailed Specifications

Feature	Model A	Model B
Battery Capacity	2560Wh	4019Wh
Weight	360kg	470kg
8-Port POE	No	Yes

Applications



Designed for versatile outdoor applications and easy site adaptation.

Recommended Use Cases

- Construction Sites
- Outdoor Parking Lots
- Mining & Oil Sites
- Emergency Response
- Temporary Events
- Rental Fleets