

# designed and created for your needs

Designed to provide an exceptional level of performance for every work on site ensuring the right balance between power and ease of use



## protection security control



### X-SOLAR GUARD



#### Construction sites

Secure entry points, store equipment safely, monitor remote corners.



#### Industrial areas

Keep track of assets and protect sensitive infrastructure.



#### Public events & concerts

Temporary crowd control and safety monitoring—silent, clean, and compact.



#### Logistics hubs & warehouses

Monitor vehicle movements, loading zones, and storage areas 24/7.



#### Remote/off-grid areas

Bring reliable surveillance to places with no fixed power or data lines.



#### Emergency and disaster relief

Quick to deploy in natural disasters or crisis zones for temporary monitoring.



#### Parking lots & service areas

Deter vandalism and theft where no permanent infrastructure is present.




#### Military, border or infrastructure surveillance

Mobile solution for sensitive, high-risk zones.

more sustainable  
and environmentally  
friendly future



 Your security equipment here not included

## protection security control



ZERO emissions

ZERO noise

## plug-in solar POWERED



Safe for construction compact professional appearance

## User Benefits

One-person setup: no need for specialized personnel

**Completely self-contained:** no external structures or power needed

**Silent and zero-emission** when powered by mains or from internal add on battery pack

**Vandalism and theft-resistant:** reinforced and lockable design

**Quick transport and deployment:** ideal for temporary or emergency use

**Weatherproof and durable:** hot-dip galvanized frame resists corrosion

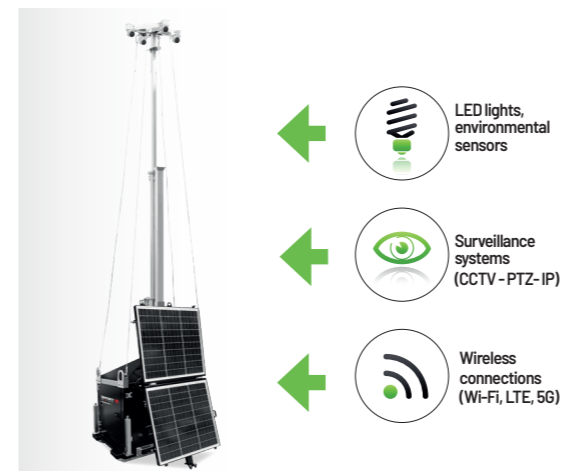
**Custom branding available:** adapt the look to your company

**Safe for public areas:** compact, clean and professional appearance. Ideal for construction, events, logistics hubs, emergency zones

**Can be equipped with Wi-Fi,** environmental sensors, or LED lighting

**Stable performance in all terrains:** adjustable feet and strong base

can be customized with:



## Predisposition for customer components

CCTV camera with remote access software

Matrix LED floodlights

UPS module or backup battery system

Server rack or data storage cabinet

Wireless module (Wi-Fi / LTE)

Environmental sensor kit (dust, movement, CO<sub>2</sub>, etc.)

GPS tracking and remote monitoring module

Anti-tamper alarm system

Custom paint and logos for corporate identity



 **30 units per truck**  
Safe packaging and loading allowing quick unloading

Trime Security Towers are delivered as open, ready-to-use platforms, and can be customized with:

- Surveillance systems (CCTV, PTZ, IP)
- LED lights, environmental sensors, motion detectors
- Wireless connections (Wi-Fi, LTE, 5G)
- Alarms, sirens, UPS, GPS
- Custom branding with logos and company colors

Clients can integrate their own systems or rely on trusted partners.

## X-SOLAR GUARD

### Key Features

Manual vertical telescopic mast (max height: 4,2 m)

External power sources required

Galvanized skid with forklift pocket

Electric box 50x50x30 cm

4 adjustable stabilizers for maximum stability

2 solar panels 2x100W

Manual mast winch and handle inside the structure

Lockable cabinet for electronic components

Compact footprint - optimized for transport and storage

30 unit per truck, very compact

Forklift pockets and lifting eyes for easy handling

Ready-to-use design - no setup tools required

Mast head customizable based on customer request (max 40 kg)

Technical data	
<b>Mast</b>	
Lifting Method	Manual
Max Mast Height (m)	4,2
Rotation	no
Safety brake	Mechanical
<b>Power Options</b>	
input power from mains or generator	
<b>Dimensions</b>	
Transport dimensions (mm) LxWxH	1046x940x2123
Dimensions in operation (mm) LxWxH	1830x1600x4200
Weight (kg)	290 kg

Dimensions	Internal - space available for user to fit electrical components inside the tower
Length (mm)	500
Width (mm)	500
Height (mm)	300



## Mobile surveillance Simple Reliable smart

# FAQ

## Frequently Asked Questions

### **Do I need a technician to set it up?**

No. The X-SOLAR GUARD is designed for easy, manual setup by just one person. No tools or technical skills required.

### **Can I use it where there is no mains power?**

Yes. The unit can operate using an external power source and is also supported by two integrated 100W solar panels, helping reduce power consumption and improve efficiency in remote or off-grid locations.

### **Is it difficult to transport?**

Not at all. It's equipped with forklift pockets and lifting eyes, and 30 units fit on a standard truck.

### **Can it resist vandalism or theft?**

Yes. The entire system is housed in a reinforced, fully lockable steel box, designed to prevent tampering and unauthorized access.

### **What can I install on the mast?**

Any standard CCTV cameras, floodlight, or sensors. The top is compatible with most commercial surveillance and lighting systems.

### **Does it make noise during operation?**

No. The tower operates silently with zero emissions, making it suitable for residential, urban, or sensitive environments.

### **Can I customize the appearance?**

Yes. We offer custom branding and colour options for your company or event.

### **What happens if it rains or snows?**

No problem. The tower is weatherproof and built with a hot-dip galvanized skid to withstand harsh environmental conditions.



**TRIME**<sup>®</sup>

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