

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 SAFETY



Construction sites
Monitor perimeters or remote sections of a green job site.



Industrial plants
Surveillance for zones where noise and emissions must be minimized.



Public events
Quiet, non-invasive presence for safety and control at concerts or festivals.



Off-grid areas
Perfect where no power is available—solar-ready and plug-in options.

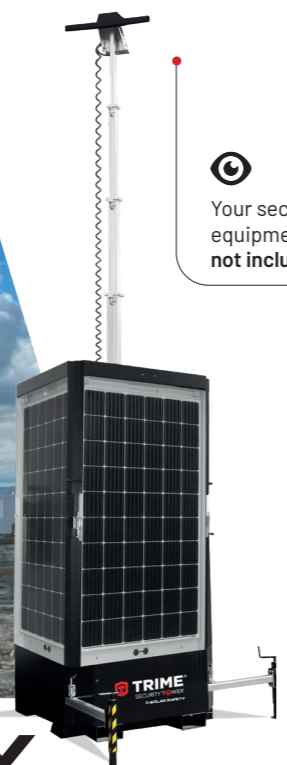



Emergency setups
Mobile security for rescue missions or disaster response, without noise or emissions.



Urban monitoring
Ideal for city surveillance projects in residential or silent zones.

more sustainable
and environmentally
friendly future



 Your security equipment here not included

protection
security
control



ZERO emissions

ZERO noise

plug-in POWERED

X-SOLAR SAFETY

Key Features

- 6 m manual vertical galvanized mast
- Winch auto brake – available as option Trime automatic patent mast brake
- Special steel frame complete with 3 solar panels (one per side)
- Designed for CCTV, lighting or sensors (user-selectable head)
- Fully mechanical lifting system – no tools or electricity needed
- 4 extractable stabilizers for secure setup on uneven terrain
- Plug-in powered: connectable to mains, generator, or battery pack
- Forklift pockets on all sides for easy handling
- Compact footprint – up to 22 units per truck
- Weatherproof galvanized steel body

Mobile surveillance
Simple Reliable smart

Technical data	
Mast	
Lifting Method	Manual
Max Mast Height (m)	6
Rotation	no
Safety brake	Mechanical
Power Options	
Input power from mains or generator, predisposition for Battery Pack (not included)	
Dimensions	
Transport dimensions (mm) LxWxH	1220x1220x2500
Dimensions in operation (mm) LxWxH	2500x2500x6000
Weight (kg)	800

Dimensions	Internal – space available for user to fit electrical components inside the tower
Length (mm)	895
Width (mm)	350
Height (mm)	895



User Benefits

- 100% silent and emission-free when used with solar or battery
- Sustainable alternative for eco-sensitive areas or green sites
- Quick deployment: one-person setup in less than 30 minutes
- Compatible with all major CCTV/light systems
- Customizable mast head: ready for your own monitoring tech
- Ideal for off-grid or no-noise environments
- Forklift-friendly design simplifies logistics and site relocation
- Minimal maintenance: no complex electronics or motors

can be customized with:



Predisposition for customer components

Even though Trime supplies the hardware only, the tower is ready to support:

- CCTV cameras with software
- LED floodlight
- Wireless modules (Wi-Fi / LTE)
- GPS tracking system
- Environmental sensors (dust, motion, temperature, CO2, etc.)
- UPS or battery systems
- Anti-theft Sensor/alarms
- Custom paint and branding



 **22 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.

FAQ

Frequently Asked Questions

How is it powered?

It runs on solar energy via panels , via solar battery if customer will add 2 batteries inside or can be plugged into External power sources.

Is it truly silent?

Yes. With solar or battery, it's completely silent and suitable for residential or noise-sensitive areas.

Can I use it at night or with no sun?

Yes – when combined with a battery pack or connected to a generator, it works 24/7.

Do I need tools to lift the mast?

No. The mast uses a manual mechanical lift, easy to raise by hand.

Can it be moved easily on site?

Yes. It has forklift pockets on all four sides, and the compact design allows for fast repositioning.

Is the mast head fixed or adaptable?

It's an open T-Bar, designed to support any equipment: cameras, lights, sensors, etc.

Is it weather-resistant?

Absolutely. The frame is made from hot-dip galvanized steel, built for harsh outdoor conditions.



TRIME[®]

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