

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-DEFENCE



Construction & infrastructure projects
Surveillance across multiple locations or temporary installations.



Public safety & law enforcement
Deploy instantly for protests, concerts, or large-scale events.



Border control & military operations
Mobile security for rotating zones or high-alert missions.



Disaster response & emergency areas
Fast-moving surveillance for civil protection and first responders.



Temporary parking & logistics zones
Tow it in, set it up, monitor 24/7, then move it again.



more sustainable
and environmentally
friendly future



TRIME[®]
SECURITY TOWER



protection
security
control



ZERO
emissions

ZERO
noise

hybrid
POWERED

X-DEFENCE

key Features

Towable trailer chassis – road-approved, easy transport to/from site

8 m hydraulic mast – vertical lift, quick setup, no manual effort

Mast head supports up to 40 kg – perfect for multi-camera setups

350° mast rotation – wide-area surveillance without repositioning tower

Hybrid energy pack: 4 AGM batteries + Kubota Stage V generator

Up to 7 month autonomy without refueling (based on 24/7 use at 100W)

Certified for wind stability up to 80 km/h

Forklift pockets + compact footprint = optimized for transport

7 towers per truck

Mobile surveillance
Simple Reliable smart



easy handling & transportability

Technical data

Mast

Max Weight ('Mast Top')(kg)	40
Max Mast Height (m)	8
Rotation	350°
Mast type	Hydraulic
Certified Wind Stability	80 Km/h

Battery

Type	AGM
Number	4
Power battery pack	24VDC – 400 Ah
Charging Time (h)	8
Running Time Without Noise (h)	76
Total running time before refilling (Based on 100W of power consumption)(h)	4662

Engine

Model	Kubota Z482
Speed	@1500 r.p.m.
Tank Capacity(l)	220
Fuel consumption (l/h)	0.5

Dimensions

Transport dimensions (mm) LxWxH	2900x1400x2500
Dimensions in operation (mm) LxWxH	2900x2340x8000
Total weight without fuel (kg)	1380

Dimensions	Internal – space available for user to fit electrical components inside the tower
Length (mm)	660
Width (mm)	370
Height (mm)	440

Predisposition for customer components

Ready to host your custom surveillance tech:

HD PTZ or fixed cameras

LED floodlights or IR illuminators

Wi-Fi / LTE / 5G routers

Alarm systems or motion sensors



Fully mobile
Your all-in-one
road-towable
surveillance unit

User Benefits

Total mobility:

drive it to site, deploy in minutes, tow away anytime

Fully hydraulic mast system

Near-silent mode:

runs up to 76 hrs on batteries only

Minimal fuel consumption:

just 0.5 l/h, with 220 L tank

Large payload capacity:

support cameras, sensors, lights, or combinations

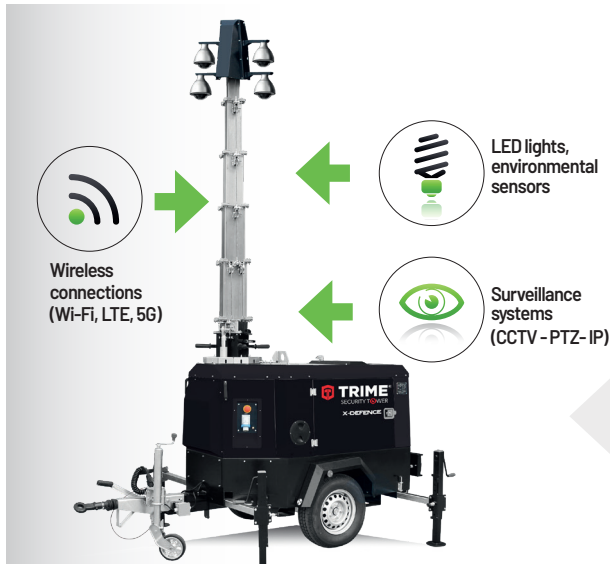
Flexible surveillance:

thanks to 350° rotation and 8m height

Built for tough conditions:

stable in strong winds, rugged construction

can be customized with:



7 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

Can I tow it with a standard vehicle?

Yes. It's a fully road-towable trailer, ready for public roads with proper towing capacity.

How high does the camera go?

Up to 8 meters, giving wide visibility even in large open spaces.

Does the mast rotate?

Yes, the mast offers 350° rotation, allowing almost full panoramic coverage.

How long does it run silently?

Up to 76 hours on battery-only mode. Then the generator kicks in automatically.

How much fuel does it consume?

Very little: 0.5 L/h, and the tank holds 220 L, ensuring ~1 month autonomy.

Is it weather-resistant?

Yes, fully certified and tested for wind up to 80 km/h, and built in galvanized steel.

What kind of equipment can I mount?

Any combination of cameras, lighting, sensors, or communication systems, up to 40 kg at the top.



TRIME®

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