



Security Solutions

Comprehensive Site Surveillance,
Designed and Built in Australia



MTGA is Australia's premier provider of technology and communication solutions, specialising in robust and ruggedised, Australian-made products designed for remote and challenging environments. Since our inception, we've become trusted partners across various industries, providing reliable solutions for diverse and challenging operational needs.

With extensive experience, MTGA has established a reputation for engineering reliability and innovation. From pioneering autonomous mine communications to continuously expanding our product range to include solar-powered trailers, skids, and access control solutions, we deliver tailored systems that meet our clients' evolving needs.



Australian Made

Proudly designed and built in Australia to withstand the toughest conditions.



Innovative

Continuously pushing the boundaries of technology to meet our clients' evolving needs.



High Quality

Every product we deliver is 100% reliable, durable, and fit for purpose.



Adaptable

Flexible solutions and customisation tailored to the unique challenges of any environment.



Speed to Market

In-house design and local manufacturing mean rapid delivery and commissioning, no import delays.

Security Solutions

MTGA's security range delivers immediate, around-the-clock site surveillance across all conditions. Each product is solar-powered, self-contained, and built to endure Australian environments.

Omni CCTV 2 Trailer

Off-the-shelf, 2-camera solar trailer with 5-day battery redundancy. Simple set-up, move into position and turn on.

- ✓ 2x Turret/Dome cameras
- ✓ 415W solar panel array
- ✓ 7.2kWh LiFePO4 battery
- ✓ 5m–8m Innomast
- ✓ LTE/Wi-Fi remote access
- ✓ ADR Compliant trailer



Omni CCTV 3 Trailer

Expanded 3-camera system with increased solar and battery capacity for larger or more demanding sites.

- ✓ 3x Turret/Dome cameras
- ✓ 3x 415W solar panels
- ✓ 14.2kWh LiFePO4 battery
- ✓ 5m–8m Innomast
- ✓ LTE/Wi-Fi remote access
- ✓ ADR Compliant trailer



Omni Lighting CCTV 4 Trailer

Multi-functional 4-camera system combining surveillance and site lighting for maximum capability in one unit.

- ✓ 4x Turret/Dome cameras
- ✓ 4x 415W solar panels
- ✓ 21.6kWh LiFePO4 battery
- ✓ 2x lights, 25,000 lumens total
- ✓ 5m–8m Innomast
- ✓ LTE/Wi-Fi remote access
- ✓ ADR Compliant trailer



Protect 1 Surveillance Infrastructure

A self-contained, drop-in surveillance unit with anti-vandalism features. Deployable by forklift with instant monitoring capability.

- ✓ 2x 4MP PTZ cameras (25x zoom)
- ✓ 100m night vision
- ✓ AI motion recognition
- ✓ Anti-vandalism spikes & wiring
- ✓ 3.5-day battery redundancy
- ✓ 4G modem, onboard storage



Available for Rent or Purchase

Omni CCTV 2

Immediate Around-the-Clock Site Surveillance

The Omni CCTV 2 is our off-the-shelf site surveillance solution, available for rent or purchase for easy access to robust CCTV equipment wherever you need it.

Omni offers simple and easy set-up, just move into position and turn on. The Omni CCTV 2 can run on battery alone for up to 5 days, ensuring you have around-the-clock surveillance when you need it most.

Each Omni trailer boasts 415W solar panels, 48V 150Ah 7.2Kwh lithium batteries, and ruggedised construction that ensures MTGA equipment can endure the toughest Australian conditions.

The dual IP66-rated equipment cabinets separate and protect batteries and controller from dust and moisture. Once set up, cameras can be accessed remotely via LTE or Wi-Fi for real-time or timelapse footage, or uploaded automatically to an FTP server.

Ideal For

Quickly establishing surveillance across sites in areas where robust, reliable security is essential. Ideal for construction sites, mining operations, remote infrastructure, and event security.



Specifications

| | |
|---------------------------|-----------------------------------|
| Cameras | 2x Turret/Dome |
| Solar Panels | 2x 415W |
| Battery Capacity | 7.2 kWh |
| Battery Type | 1x 48V 150Ah LiFePO4 |
| Battery Redundancy | Up to 5 days |
| Mast Type | Innomast 5m–8m |
| Support Headload | Up to 35 kg |
| Wind Rating | 85 km/h deployed, 120 km/h stowed |
| Trailer Type | ADR Compliant |
| Enclosures | 2x IP66 Mild Steel Powder-Coated |
| Mass | 1,000 kg |
| Power Output | 250W Continuous |
| Connectivity | LTE / Wi-Fi / FTP |

Available for Rent or Purchase

Omni CCTV 3

Expanded Surveillance for Larger Sites

The Omni CCTV 3 builds on the proven Omni 2 platform, adding a third camera, additional solar panels, and doubled battery capacity, for sites demanding broader coverage or more demanding power needs.

Upgrading from Omni 2 to 3 is as simple as adding more batteries and solar panels for additional power generation, then connecting the additional surveillance devices. The same rugged, ADR-compliant trailer platform carries the expanded payload.

Like all Omni products, the CCTV 3 provides remote camera access via LTE or Wi-Fi for real-time or timelapse viewing, or automatic FTP upload for fully hands-off monitoring.

With 14.2kWh of LiFePO4 battery storage across two packs and three 415W solar panels, the Omni CCTV 3 delivers exceptional resilience for extended deployments in remote or off-grid locations.

Ideal For

Larger construction or mining sites, multi-zone surveillance requirements, remote locations with limited solar days, or any site where the Omni 2 needs more coverage or power autonomy.

Why Upgrade to the Omni 3?

- ✓ **More Coverage**
3 cameras vs 2 for wider site visibility
- ✓ **More Power**
Double the battery, 14.2kWh vs 7.2kWh
- ✓ **Same Platform**
Easy upgrade path from Omni CCTV 2



Specifications

| | |
|---------------------------|-----------------------------------|
| Cameras | 3x Turret/Dome |
| Solar Panels | 3x 415W |
| Battery Capacity | 14 kWh |
| Battery Type | 2x 48V 150Ah LiFePO4 |
| Battery Redundancy | Up to 5 days |
| Mast Type | Innomast 5m–8m |
| Support Headload | Up to 35 kg |
| Wind Rating | 85 km/h deployed, 120 km/h stowed |
| Trailer Type | ADR Compliant |
| Enclosures | 2x IP66 Mild Steel Powder-Coated |
| Mass | 1,130 kg |
| Power Output | 250W Continuous |
| Connectivity | LTE / Wi-Fi / FTP |

Available for Rent or Purchase

Omni Lighting CCTV 4

Maximum Surveillance and Site Lighting in One Unit

The Omni Lighting CCTV 4 is MTGA's most capable off-the-shelf trailer, combining a 4-camera surveillance system with 25,000 lumens of site lighting in a single, self-contained unit.

With four 415W solar panels and 21.6kWh of LiFePO4 battery storage across three packs, the Omni 4 is built for the most demanding sites and the longest deployments, all with the same simple set-up as the rest of the Omni range.

Like all Omni products, cameras can be accessed remotely via LTE or Wi-Fi for real-time or timelapse viewing, or footage can be uploaded automatically to an FTP server for fully hands-off monitoring.

The dual IP66-rated equipment cabinets protect batteries and controller from dust and moisture, ensuring reliability wherever the trailer is deployed.



Ideal For

Large-scale construction or mining sites requiring both surveillance and lighting or remote locations with high power demands.

Why Upgrade to the Omni 4?

- ✓ **Maximum Coverage**
4 cameras for the broadest site visibility
- ✓ **Integrated Lighting**
25,000 lumens eliminates the need for a separate lighting unit
- ✓ **Maximum Power**
21.6kWh battery capacity for the longest deployments

Specifications

| | |
|---------------------------|-----------------------------------|
| Cameras | 4× Turret/Dome Lights |
| Lights | 2× lights, 25,000 lumens |
| Solar Panels | 4× 415W |
| Battery Capacity | 14 kWh |
| Battery Type | 3× 48V 150Ah LiFePO4 |
| Battery Redundancy | Up to 5 days |
| Mast Type | Innomast 5m–8m |
| Support Headload | Up to 35 kg |
| Wind Rating | 85 km/h deployed, 120 km/h stowed |
| Trailer Type | ADR Compliant |
| Enclosures | 2× IP66 Mild Steel Powder-Coated |
| Mass | 1,275 kg |
| Power Output | 250W Continuous |
| Connectivity | LTE / Wi-Fi / FTP |

Available for Rent or Purchase

Protect 1

Universal Surveillance Camera Platform

The MTGA Protect 1 is designed to drop into any site and start monitoring instantly. Everything required to run two 4MP cameras is included in the base, just position by forklift and switch on.

The cameras can be configured to register only human and/or vehicle motion through built-in AI image recognition. With 25x optical zoom and 100m night vision, they'll capture everything your site demands.

Designed and manufactured in Western Australia, the Protect 1 is ready for wherever you need it. The included solar panel and battery guarantee up to 3.5 days of uptime on battery alone.

Anti-vandalism solar panels, anti-climb spikes, and covered wiring below spikes ensure the system can't be tampered with, even in unsupervised remote environments.

Ideal For

Quickly establishing surveillance across smaller sites, in areas where robust, reliable security is essential.



Security Features

- ✓ **Anti-Vandalism**
Spikes & anti-tamper solar panel backplate
- ✓ **Covered Wiring**
No exposed wiring below spikes
- ✓ **Locked Cabinet**
Secured cabinet to limit access

Specifications

| | |
|---------------------------|---------------------------------|
| Camera System | 2x 4MP PTZ (25x optical zoom) |
| Night Vision | 100m |
| AI Recognition | Human & vehicle motion |
| Solar Panel | 1x 200W (adjustable tilt) |
| Battery | 12V 150Ah LiFePO4 |
| Battery Redundancy | 3.5 days without sun |
| Charge Recovery | 6-day full charge recovery |
| Mast | 4.5m (collapsible) |
| Communication | 4G Modem (playback & streaming) |
| Storage | Onboard video storage |
| Transportation | Forklift pocket on base |
| Base Dimensions | 900 x 900mm |
| Weight | 1,000 kg |



Get in Touch

Discuss your needs with one of our specialists today and we'll connect you with the product that's right for your site.



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