



INVID-TTSST1305

Self-Powered | Rapid Deployment | Remote Monitoring Platform

The Mobile Solar Surveillance Trailer is a fully self-contained, towable security platform designed to deliver reliable surveillance in locations without permanent power or network infrastructure. Engineered for fast deployment and long-term outdoor use, this solar-powered trailer provides an elevated mounting solution for cameras, communication equipment, and deterrence devices.

Built on a rugged trailer chassis, the system features an integrated solar array, onboard battery storage, and a telescoping mast for optimal camera positioning and wide-area coverage. Once deployed, the trailer operates independently, making it ideal for temporary, remote, or rapidly changing environments where flexibility and mobility are critical.

This solution serves as a scalable surveillance platform, allowing integrators to select and deploy cameras, analytics, deterrents, and connectivity options based on the specific needs of each site.

Why Customers Buy This

No Power? No Problem.

Three 435W mono-crystalline solar panels and an 11.78 kWh LFP battery keep the system running continuously — day or night, cloudy or clear. An optional onboard generator provides backup for extended low-light deployments.

Ready in Minutes, Not Days.

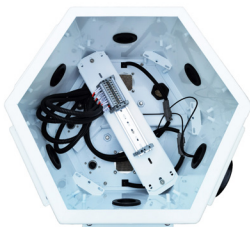
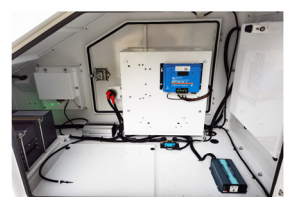
No trenching. No permits for power. No waiting on an electrician. The trailer arrives road-ready with a standard 2" ball hitch, onboard leveling jacks, and a telescoping 23-foot steel mast. Setup is measured in minutes.

Built to Stay Out There.

Rugged steel construction with outdoor anti-corrosion powder coating. Built to handle extreme wind, heat, and cold — this unit is designed for real-world outdoor conditions without babysitting.

Move It When the Job Moves.

One of the trailer's biggest selling points is its mobility. When a project phase wraps up or a customer's coverage needs shift, the trailer relocates in hours — not weeks. That flexibility creates ongoing value that fixed installations simply can't match.



Where It Gets Deployed

The trailer's combination of mobility, self-sufficiency, and scalability makes it a natural fit across a wide range of end-user segments. Here are some of the most common deployment scenarios your customers are asking for.



Construction Site Security | Active Job Sites & Staging Areas

THE CHALLENGE

Tools, equipment, and materials are prime targets for after-hours theft. Job sites often lack power and change frequently as work progresses.

THE SOLUTION

Deploy the trailer at the perimeter with a 180° panoramic camera for wide-area coverage, a cellular router for remote live view, and active deterrent strobes. Relocate as phases change.

THE RESULT

Real-time visibility from anywhere. Theft deterrence without a security guard on payroll. The trailer moves with the job, eliminating the cost of repeated fixed-camera installs.



Utility & Critical Infrastructure | Substations, Pipeline Access, Remote Assets

THE CHALLENGE

Utility assets are often in locations without power or connectivity. Traditional security systems require significant infrastructure investment to install.

THE SOLUTION

A self-powered trailer with a 5G router provides always-on monitoring of high-value remote assets. AI analytics on-camera can trigger alerts for intrusion or tampering.

THE RESULT

Infrastructure protection without the infrastructure. Operators get remote visibility and instant alerts, with a platform that can be repositioned as operational needs change.



Event & Crowd Security | Festivals, Sporting Events, Public Gatherings

THE CHALLENGE

Temporary events require flexible, rapid-deployment surveillance that can cover large outdoor areas — often without access to fixed power or network drops.

THE SOLUTION

Position multiple trailers at key entry points and perimeter zones. Pair with network speakers for live audio response and deterrence. Remove and redeploy after the event.

THE RESULT

Command-level visibility for the duration of the event with zero permanent installation. Reusable across multiple events throughout the year.



Law Enforcement Support | High-Crime Areas, Temp Enforcement Zones

THE CHALLENGE

Agencies need the ability to rapidly increase surveillance presence in specific areas without the cost or timeline of permanent camera installation.

THE SOLUTION

Deploy trailers in targeted locations to support active investigations or deter crime in identified hotspots. Cellular connectivity enables real-time access from dispatch or command vehicles.

THE RESULT

Flexible deterrence and monitoring that responds to where crime is happening — not where cameras were installed five years ago. Repositionable in hours.



Grocery & Food Retail | Supermarkets, Distribution Centers, Loading Docks

THE CHALLENGE

Grocery retailers face theft pressure at multiple points — from parking lot cart corrals and entry vestibules to loading docks and overnight delivery areas. Expanding fixed camera coverage is slow and expensive, especially across multiple locations.

THE SOLUTION

Deploy the trailer at high-incident zones like loading docks or parking lots. Pair with a 180° panoramic camera and a network speaker for real-time audio deterrence. Cellular connectivity keeps LP teams connected remotely.

THE RESULT

Loss prevention teams get immediate, flexible coverage exactly where incidents are happening — no construction crew, no capital project. Rotate the trailer between locations based on where the need is greatest, maximizing the investment across the entire chain.

Start Here. Add What the Job Needs.

The INVID-TTSST1305 ships as a complete power and mounting platform. Cameras, routers, SIM cards, and deterrence accessories are sold separately, giving integrators the flexibility to design a solution that fits the deployment — and the budget.

Included With the Trailer	Add-Ons — Sold Separately
<ul style="list-style-type: none">• Solar panel array (3 × 435W)• LFP battery bank (11.78 kWh)• Victron solar controller & BMS• Telescoping 23' galvanized mast• DC & AC power outputs• 4 stabilizing outrigger jacks• Strobe lights (4 pcs)• Trailer — road-ready, US/AU/EU standard	<ul style="list-style-type: none">• Cameras• Cellular router (4G LTE or 5G)• SIM card & data plan• Network speaker• NVR• Optional gasoline generator

Specifications and configurations may vary by unit.

Solar Trailer Add Ons

Choose Your Router



INVID-RUT241

A compact industrial-grade **4G LTE router** designed to provide reliable, secure cellular connectivity for remote and mission-critical network deployments. (SIM Not Included)



INVID-RUTM50

A high-performance industrial **5G router** delivering ultra-fast, secure cellular connectivity with dual-SIM redundancy for bandwidth-intensive and mission-critical deployments. (SIM Not Included)

Why add a router to your solar trailer?

A cellular router enables your Mobile Solar Surveillance Trailer to securely transmit video, alerts, and system data without relying on on-site internet. When paired with a SIM card, the router allows the trailer to operate as a fully connected, remotely accessible surveillance platform—supporting live viewing, cloud access, AI alerts, and remote system management from virtually anywhere.

Whether you need basic remote connectivity or high-bandwidth performance for multiple cameras and analytics, selecting the right router ensures reliable communication, uptime, and scalability for your deployment. (Router options available based on bandwidth needs, deployment size, and carrier support.)



Add SIM

InVid provides trusted, name-brand SIM solutions to support your deployment. Contact InVid Tech for details.

Why add a SIM card?

A SIM card provides the cellular data connection required for the router to communicate over the mobile network. Without a SIM, the trailer operates as a standalone system with no remote access. Adding a SIM enables off-grid connectivity for live video streaming, cloud storage, AI notifications, and remote diagnostics.

SIM options can be selected based on data usage, coverage requirements, and project duration—making it easy to support temporary, mobile, or long-term surveillance deployments.

(Data plans and activation options vary based on location and application.)

Choose Your Speaker



INVID-SP30W

The INVID-SP30W is a network speaker designed for use with Vision or Paramount series systems, providing reliable two-way audio for deterrence and real-time communication. It supports SIP for projects that require phone-system integration, though SIP is typically not needed in most video-centric deployments such as mobile or perimeter surveillance. Audio actions are event-based and system-triggered, as this model does not support broadcast or zone-wide audio announcements.



VIS-SP30W

The VIS-SP30W is a network speaker built exclusively for Vision series systems, offering two-way audio along with support for system-managed broadcasting. In Vision deployments, it can be used for live communication, scheduled announcements, or wide-area audio alerts without the need for SIP integration. This makes the VIS-SP30W well suited for applications where broadcast audio or multi-zone announcements are required within a video-driven environment.

Why Add a Speaker?

Network speakers allow security teams to actively engage and deter individuals through live or automated audio, transforming a surveillance system from passive monitoring into an interactive security solution.

Choose Your Cameras

180 Cameras are very popular in these setups



PAR-P8TXIR180NH-AIRBT

The PAR-P8TXIR180NH-AIRBT is a high-performance 180° panoramic camera designed to deliver wide-area coverage with fewer devices. Its ultra-wide

field of view allows a single camera to monitor large spaces such as perimeters, parking areas, and open job sites—reducing installation complexity while maintaining full situational awareness.

Equipped with 24/7 color imaging, red/blue active deterrent strobes, and built-in two-way audio, this camera goes beyond passive monitoring. It enables real-time intervention, audible warnings, and visual deterrence, making it a common choice for mobile and solar surveillance deployments where proactive security and visibility are critical.

Why use a 180° camera on a tower?

A 180° panoramic camera maximizes coverage from an elevated mounting point, allowing a single device to monitor wide areas with fewer cameras. In tower-based deployments, this reduces hardware, simplifies installation, and ensures consistent visibility across large perimeters and open spaces. **PAR models are designed for use with Paramount Series NVRs, while VIS models are designed for use with Vision Series NVRs.**



VIS-P8TXIR180NH-AIRBT

The VIS-P8TXIR180NH-AIRBT is a 180° panoramic camera built for wide coverage and intelligent monitoring within Vision Series systems. Its panoramic design minimizes

blind spots and allows integrators to secure large areas using fewer cameras, making it ideal for dynamic environments and temporary surveillance setups.

With 24/7 color capability, integrated red/blue deterrent strobes, and two-way audio, this camera supports active deterrence and real-time communication directly from the surveillance platform. These features make it a popular option for deployments that require both strong visual presence and the ability to respond immediately to events as they happen.