

# WCTS-MM4A-750

## Medium Integrator 750W solar trailer

**Trailer:** Tubular steel welded construction, four 2,000 lb. stabilizer corner jacks for added wind stability, front access fork lift pockets, crane lifting eyes, round full wheel fenders that are bolted to the trailer frame, axle assembly 3,500 lb., double-eye leaf springs, 15" wheels / tires, red and white conspicuity tape

**Drawbar:** Tilting, 2" ball hitch, swivel wheel tongue jack, flat-four trailer lights plug

**Tower:** 24-foot telescoping tower rotating 355 degrees, hand-operated winch for raising and lowering tower

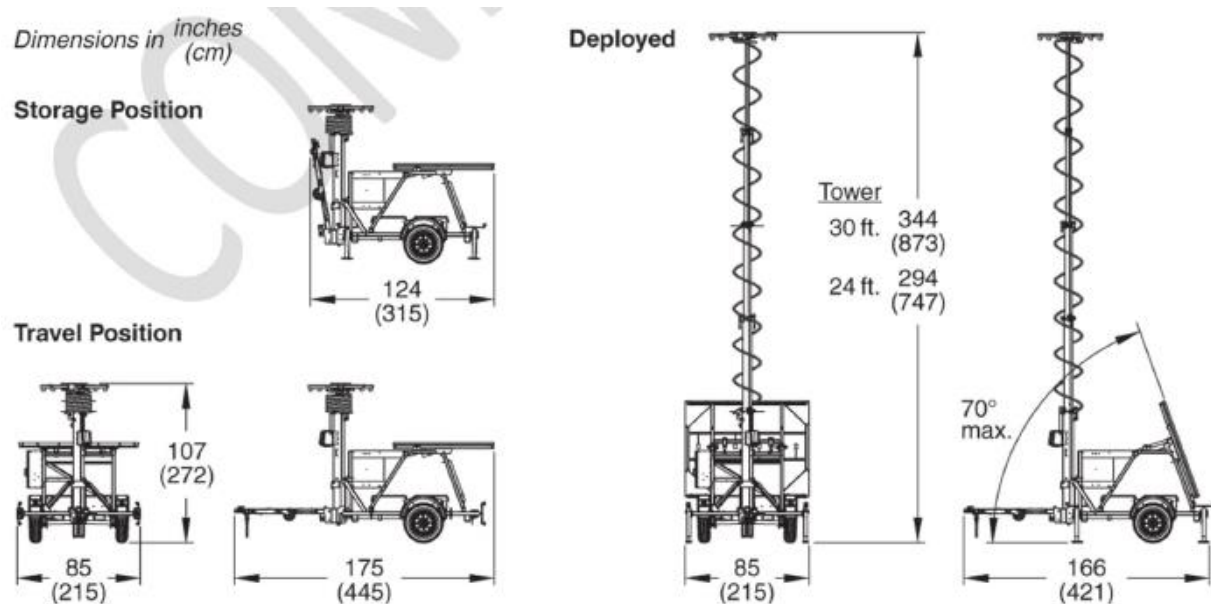
**Camera mount:** Multi-head camera box: 4x pendant arms (1-1/2" NPT), 5X Cat5E cable, 1X 16/2 power

**Solar:** High-efficiency photovoltaic solar modules, electric actuator-tilt solar panel array, solar panel capacity 750W, Smart MPPT blue-tooth solar controller, battery "time-remaining" feature, communication module

**Control Box:** Aluminum control box with 3-point locking door (24"W x 25"H x 10"D), solar / battery power management meter, master battery disconnect switch, power inverter 375W, Solar panel tilt switch

**Batteries:** Single Wanco battery box with bolted Lid, four 12V sealed AGM Batteries (400 Ah Total Capacity), 50 Amp battery charger, (optional second battery box available – 800Ah capacity)

**Standard color:** Powder coated flat black frame and mast, white battery box and NEMA box



# WANCO

## SURVEILLANCE SOLUTIONS



800-972-0755  
[www.wanco.com](http://www.wanco.com)

# Integrator Trailer

**Add your own electronics**

**Built-in power system**

**Rugged trailer built for integrators**

**Silent operation**

**Environmentally friendly**

**The Wanco® Integrator Trailer provides a robust, dependable platform for installing your own gear to keep your job site secure.**

## Ready for customizing

This versatile platform lets you combine cameras, lights, recording devices, audio systems, communications, RF radios and more—anything needed for your application.

Installing your own equipment is easy with cabling factory-installed on the tower. A NEMA-rated enclosure is prewired and back-plate ready for your electronics and controls. Standard electrical and mechanical connectors make installation simple.

## System power

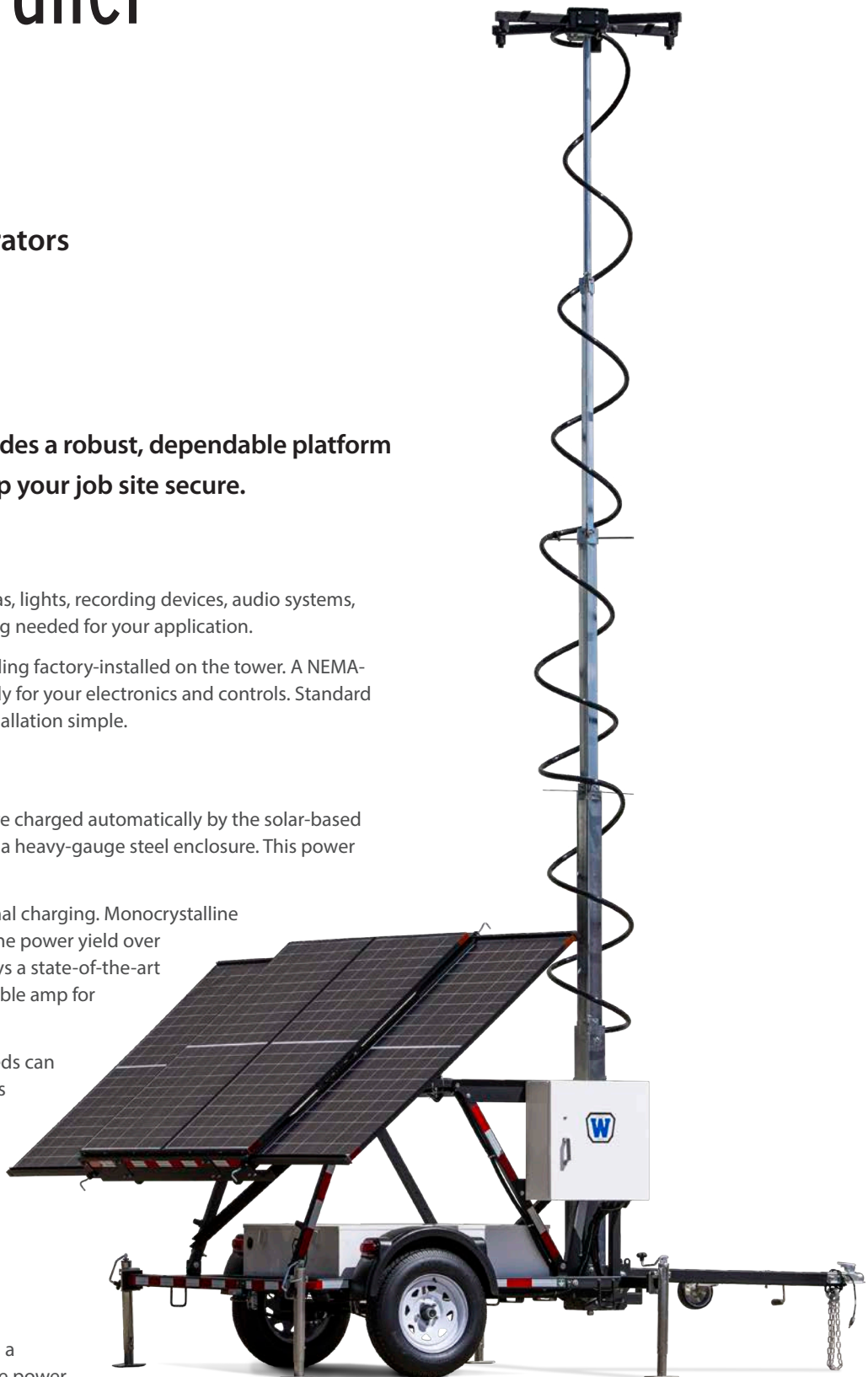
System power is supplied by batteries, which are charged automatically by the solar-based charging system. The battery bank is housed in a heavy-gauge steel enclosure. This power configuration operates silently.

The solar array features adjustable-tilt for optimal charging. Monocrystalline half-cut cell solar panels significantly increase the power yield over traditional solar technology. The system employs a state-of-the-art Smart MPPT controller to maximize every available amp for up to 30% more charging capacity.

Applications with less sun or greater power needs can choose the hybrid integrator model, which adds a diesel engine for backup power. The engine charges the batteries when needed, running automatically to keep them fully charged. Environmental features of the hybrid model include sound-attenuated enclosure and exhaust, and integrated fluid containment.

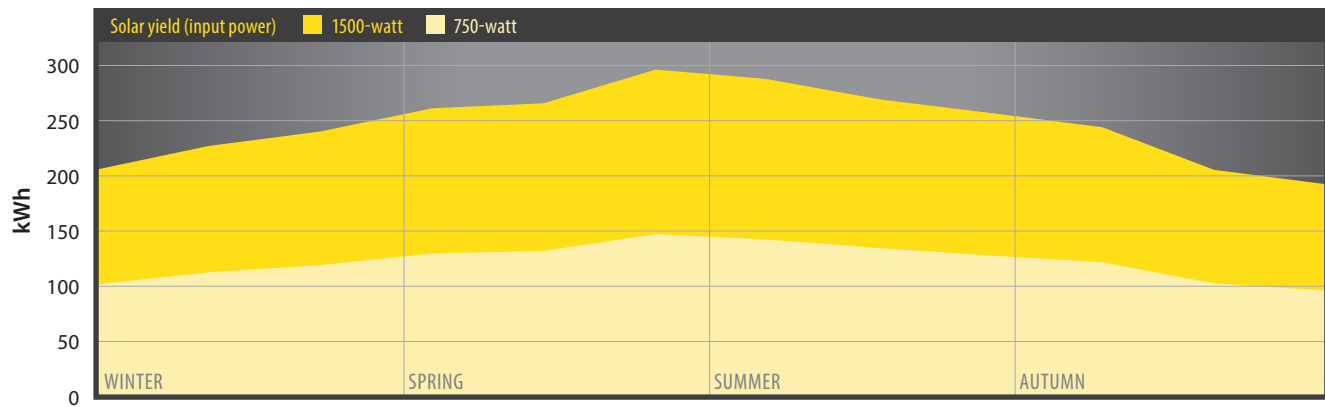
## Rugged construction

The Wanco Integrator Trailer is built to last, with a heavy-grade structural steel frame and a reliable power system. Wanco trailers are designed for on- and off-road use, and components are chosen for durability and dependability, ensuring reliable operation and long lifespan. Many components are replaceable when necessary, such as the trailer's bolt-on fenders.



WCTS-MM-1500W Integrator

## Actual sample solar yield for Denver, Colorado



Solar yield charts for your location are available from the factory. Locations with plenty of sun can see autonomous or nearly autonomous operation year-round depending on equipment power demands. Automatic low-voltage shutdown protects batteries and sensitive electronics.

## Base platform

All-welded structural steel frame with folding drawbar for compact storage

Telescoping 24-foot tower rotates nearly 360 degrees

30-foot tower is optional

Manual hand-operated tower winch is standard

Electric winch is optional

Multi-pendant mount with four arms is standard, includes 1½-inch NPT fittings, accepts up to six arms

Mounting options include extra arms, flat-plate mounts, and alternate NPT fittings

Nycoil® cable protection

Five Cat 5e cables and one 16/2 power cable are standard

Alternate cables are optional

AC power inverter included



Control box wired and ready for installing electronics

## Power system

12 Vdc AGM batteries wired for 24 volts, AC-charger included

750 W solar model has a 400 Ah battery bank in one battery box

1500 W solar model has a 800 Ah battery bank in two battery boxes

Hybrid solar model has 1500 W solar, a 400 Ah battery bank in one battery box, a Tier 4 final diesel engine and a 22-gallon fuel tank

Solar array tilts from horizontal to 70 degrees vertical with dual electric actuators

Smart MPPT solar charge controller is standard

Bluetooth® mobile app for remote power system monitoring

## Control box

Electronics are housed in a lockable weathertight enclosure

Enclosure interior is back-plate ready for installation of your electronics

Aluminum enclosure measures 24 inches square and 10 inches deep

Three-point latch accepts user-supplied padlock



Storage position with drawbar up, 1500-watt model



# Mini Integrator Trailer

**Compact and easy to transport**

**Add your own electronics**

**Built-in power system**

**Rugged trailer built for integrators**

**Silent operation**

**The Wanco Mini Integrator Trailer provides a robust, dependable and compact platform for you to install your own gear.**

**Ready for customizing**

This versatile platform lets you combine cameras, lights, recording devices, audio systems, communications, RF radios and more—anything needed for your application.

Installing your own equipment is easy with cabling factory-installed on the tower. A large equipment mounting tray inside the battery box is ready for your electronics and controls. Standard electrical and mechanical connectors make installation simple.

The Mini Integrator Trailer features a 20-foot telescoping tower that rotates nearly 360 degrees while extended.

**System power**

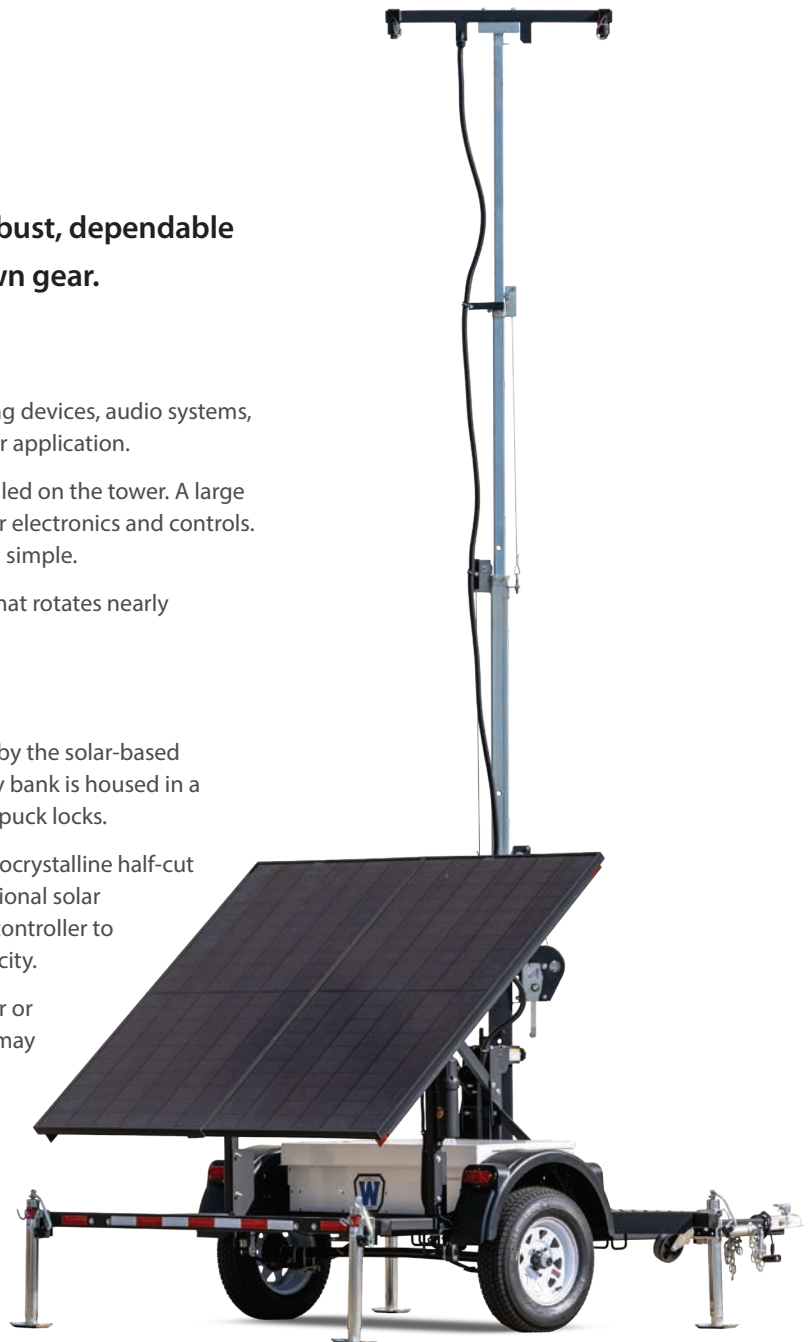
Power is supplied by batteries, which are charged automatically by the solar-based charging system. The power system operates silently. The battery bank is housed in a high-security enclosure with hidden hinges and hidden-shackle puck locks.

The solar array features adjustable-tilt for optimal charging. Monocrystalline half-cut cell solar panels significantly increase the power yield over traditional solar technology. The system employs a state-of-the-art Smart MPPT controller to maximize every available amp for up to 30% more charging capacity.

An AC charger is included and can plug into a portable generator or shore power. Applications with less sun or greater power needs may require an external charge.

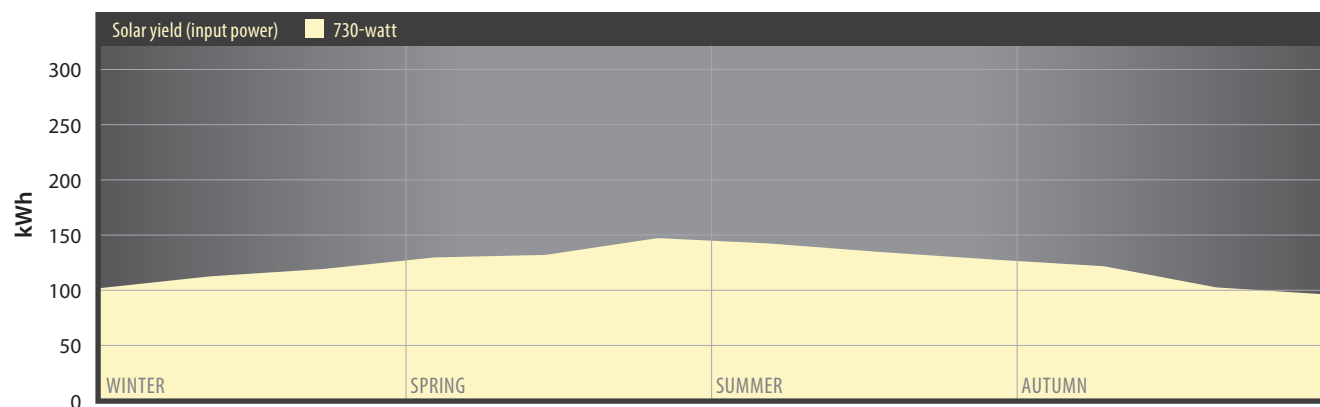
**Rugged construction**

The Wanco Mini Integrator Trailer is built to last, with a heavy-grade structural steel frame and a reliable power system. The trailer is designed for on- and off-road use, and components are chosen for durability and dependability, ensuring reliable operation and long lifespan. Many components are replaceable when necessary, such as the trailer's bolt-on fenders.



WCTS-SM-730W Mini Integrator

## Actual sample solar yield for Denver, Colorado



Solar yield charts for your location are available from the factory. Locations with plenty of sun can see autonomous or nearly autonomous operation year-round depending on equipment power demands. Automatic low-voltage shutdown protects batteries and sensitive electronics.

## Base platform

All-welded structural steel frame with folding drawbar for compact storage

Telescoping 20-foot tower with manual winch rotates nearly 360 degrees

Two pendant mounts include 1½-inch NPT fittings

Multi-pendant mount with Nycoil cable protection is optional

Alternate NPT fittings are optional

Three Cat 5e cables and one 16/2 power cable are standard

Alternate cables are optional

AC power inverter optional

## Power system

12 Vdc AGM batteries wired for 24 volts, AC-charger included

730 W solar array

400 Ah battery bank in one battery box

Solar array tilts from horizontal to nearly vertical with manual hand-crank

Smart MPPT solar charge controller is standard

Battery monitor provides local access for viewing the most useful power-system information in real time

Bluetooth mobile app for remote power system monitoring

## Electronics

Electronics and controls are housed in the battery box

Equipment mounting tray is 15 inches deep by 30 inches wide with 3½ inches clearance height

High-security battery box features heavy-gauge steel construction, a hinged top panel with hidden hinges and two hidden-shackle puck locks



Battery box with optional electronics installed



Storage position with drawbar up

# Mini Solar Surveillance System

**Secure job sites and other locations**

**Deter theft and protect property**

**Promote safety**

**Deploy in less than 10 minutes**

**Easily tow with most vehicles**

**The Wanco Mini Solar Surveillance System is equipped with a feature-rich camera system that's simple to deploy and easy to use.**

This portable surveillance system features dual pan-tilt-zoom infrared cameras that are designed specifically for outdoor use for durability and reliability.

The system provides remotely accessible and controllable live video using a cellular or Wi-Fi® connection. Remote control lets you view video and control the pan-tilt-zoom camera from any Internet-connected device. A built-in NVR stores recorded video. System setup provides for email and text notifications based on real-time video analytics. A two-year cellular service plan is included, and alternative plans are also available.

System power is provided by batteries, which are charged by the solar-based automated charging system. In a typical deployment with sufficient sunlight, the system can run continuously and autonomously year-round.

## Features

Two outdoor IP-network cameras

Cameras are infrared (IR) day/night PTZ dome style with 360° rotation

Video resolution of 1028 × 596 or HD 1080p

23x optical zoom / 16x digital zoom

Onboard digital recording to solid-state NVR

High-speed 4G LTE cellular modem with built-in GPS

2-year cellular plan is included, alternative plans are also available

LAN Wi-Fi connectivity, 2.4 or 5.8 GHz

2TB of onboard recording capacity

20-foot telescoping vertical tower rotates nearly 360 degrees

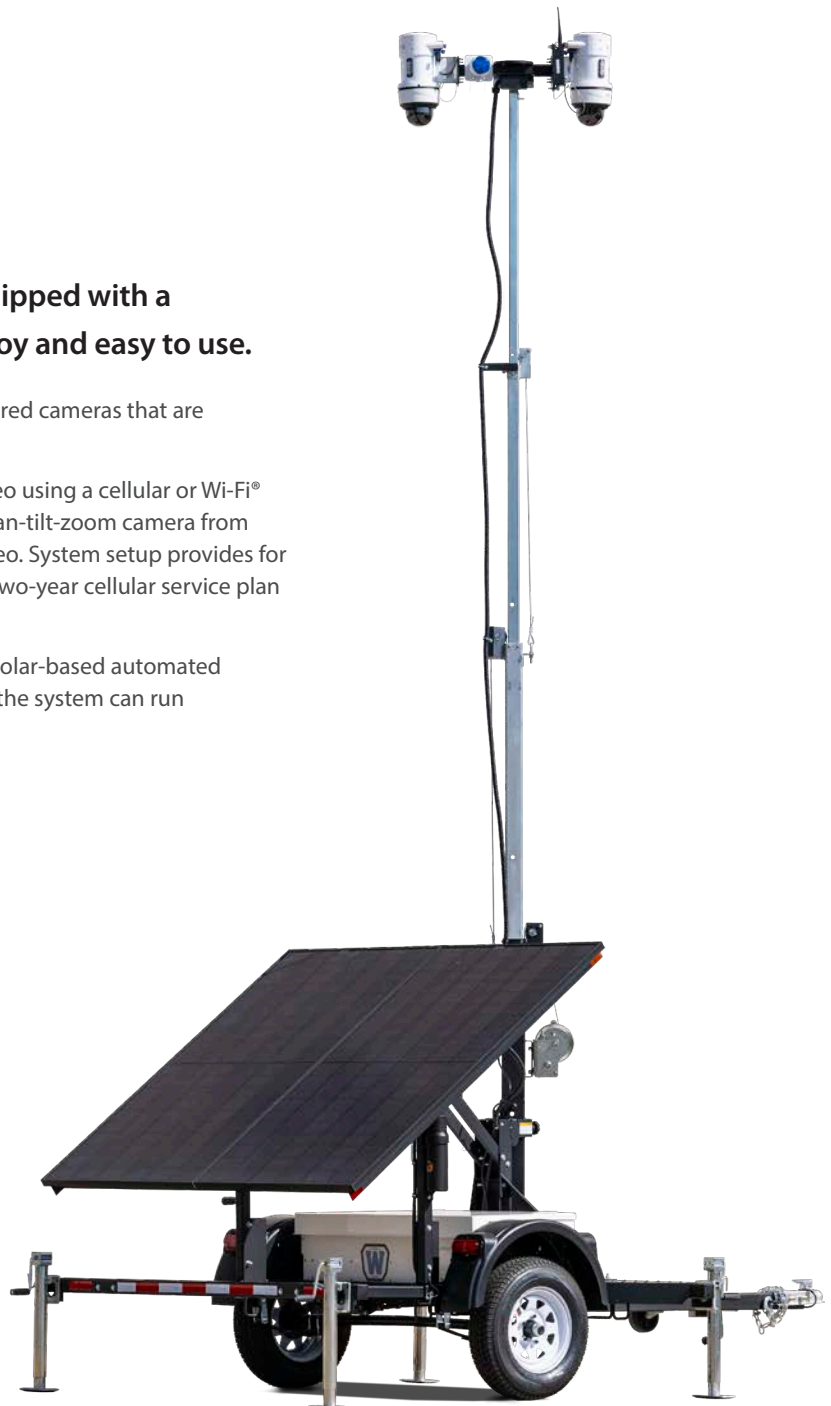
Maintenance-free sealed batteries and local controls housed in high-security, tamper-resistant battery box

730-watt solar array tilts from horizontal to nearly vertical

Compact trailer can be towed by most vehicles and fits in tight locations

Folding drawbar is standard

State-of-the-art Smart MPPT solar controller with Bluetooth remote monitoring

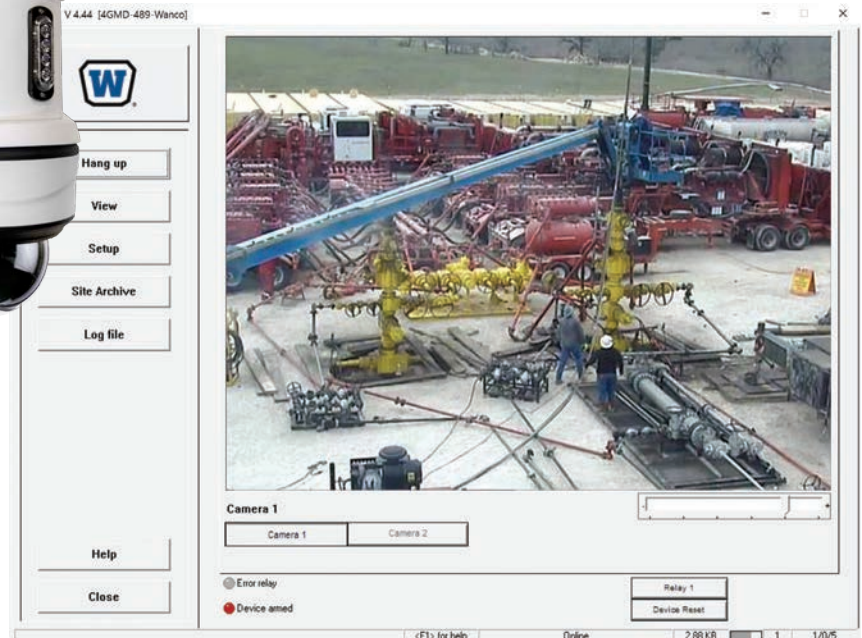


**WCTS-Mini Solar Surveillance System**

*\*Remote access and control require a PC or smartphone and the included camera system app.*

The cameras are designed for mobile surveillance applications. Infrared PTZ cameras include local recording capability and wireless transmission technology. The primary camera and electronics are housed together in a single, compact unit. The secondary camera uses the primary's electronics.

The camera system includes video analytics for a range of intelligent surveillance applications, and can send text or email alerts when motion is detected in the field of view.



## Camera control

Live video stream via 4G cellular or Wi-Fi

Multiple device connectivity

Zero latency PTZ control

License-free PC software

Remote control app for iOS and Android™ mobile devices

## IR cameras

Built-in IR illuminators for nighttime use

160-foot (50-meter) IR Illumination

1080p HD resolution

23x optical zoom

360-degree pan, -5 to 90-degree tilt

Designed for use in no-light/low-light scenarios

Onboard NVR with recording capacity up to 2TB

GPS location

Quick-connectors and lock-pins for easy installation

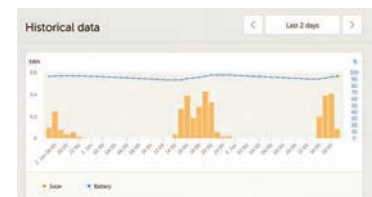


## Local power monitoring

A battery monitor on the control panel gives local access for viewing the most useful power information in real-time.

## Remote power monitoring and control

Remote power management provides a snapshot view of power performance, allowing you to monitor, manage and optimize the power system remotely. The system connects briefly and automatically uploads data to the cloud at 15-minute intervals. Set alerts and alarms to catch potential issues early. Use data to make informed decisions and adjust system operation when needed.



## Bluetooth app

The remote power management app for iOS and Android mobile devices provides real-time access to the functions described above for remote power monitoring and control. The app connects only within Bluetooth range of the surveillance system.





Wanco headquarters and 265,000 square-foot factory located in Arvada, Colorado.

Industry leadership is more than just selling the most equipment. It means serving the industry, exercising responsibility and setting an example of excellence in every aspect of business. At Wanco, we are committed to our role as the industry leader.

Since 1984, Wanco has been building best-in-class products that are easy to use. With unique features, superior functionality and outstanding versatility and dependability, Wanco products continue to deliver exceptional value for all our customers.

To learn more about our products and services, visit us online at **wanco.com** or call **1-800-972-0755**.

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