The original mobile security solution.

Wanco Portable Video Surveillance Systems make your community safer. Deploy our systems anywhere for reliable, unmanned, 24/7 protection of high-incident areas, transportation routes, construction sites and critical infrastructure. All of our systems feature rapid deployment, quick setup and ease of use. Tow, deploy and leave them—they are ready to stop and catch thieves, vandals and other would-be criminals.

Mini Solar Surveillance
Common applications:
- Real estate developments
- Commercial construction
- Residential construction
- Schools

Solar Surveillance
Common applications:
- Law enforcement
- Freight yards
- Rail yards
- Integrators

Solar Surveillance & Lighting
Common applications:
- Border protection
- Long-term deployments
- Remote sites
- Oil & gas operations

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Solar PVS
Common applications:
- Law enforcement
- Homeland Security
- Military
- Airports
- Integrators

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Diesel PVS
Common applications:
- Law enforcement
- University campuses
- Large event facilities
- Long-term deployments
- Oil & gas operations

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Traffic PVS
Common applications:
- DOTs
- Traffic engineers
- ITS platforms

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Traffic RVMS
Common applications:
- DOTs
- Law enforcement
- Emergency responders
- Parks and recreation

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Mini Solar Surveillance System

Integrated camera and electronics

20-foot vertical tower

Year-round autonomous operation

Compact and easy to transport

Silent operation

Wanco’s Mini Solar Surveillance System features a unique all-in-one design in which all electronics are integrated in the camera housing.

At the top of the 20-foot telescoping tower is the camera system, which is specifically designed for outdoor use. A one-piece camera housing comprises all electronics for this remotely accessible live-video solution — including an NVR for storing recorded video and a cellular modem for wireless access. Remote control lets you view video and control the pan-tilt-zoom camera from any Internet-connected device. A choice of cellular service plans is included.

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

Features

- One or two outdoor IP-network cameras
- Cameras are day/night PTZ dome style with 360° rotation
- Optional primary-secondary configuration adds a second camera at low cost
- Video resolution of 1024 × 596 or HD 1080p
- 22:1 optical zoom, 16X digital zoom
- Onboard digital recording to solid-state NVR
- High-speed 4G LTE/3G cellular modem with built-in GPS
- Cellular plan included
- LAN Wi-Fi® connectivity, 2.4 or 5.8 GHz
- 20-foot telescoping vertical tower rotates nearly 360 degrees
- Maintenance-free sealed batteries housed in secure, tamper-resistant battery box
- Solar array tilts from horizontal to nearly 90° vertical
- Compact trailer can be towed by most vehicles and fits in tight locations
- Drawbar is removable for shipping and for added theft protection

WCTSMini
Solar Surveillance System

Multiple PTZ dome cameras
20-foot vertical tower
Onboard solid-state NVR with monitor
High-speed LTE wireless access
Lots of optional add-ons

Wanco's Solar Surveillance System includes all the technology you expect, integrated in a portable solar-based platform.

This system includes full-featured PTZ cameras, a battery- and solar-based power system, an expandable electronics bay and more. The day/night cameras capture high-resolution video, which can be accessed locally or remotely. Video can be viewed in real time or recorded and stored with the onboard NVR. For increased flexibility, choose from a wide assortment of additional options.

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

Features
One or two outdoor IP-network cameras
Cameras are day/night PTZ dome style with 360° rotation
Axis®, Vicon®, Samsung® and other cameras available
Cameras and add-on devices can operate independently or simultaneously
Onboard digital recording to solid-state NVR
Secure control cabinet houses 10.2-inch color touchscreen monitor
High-speed 4G LTE/3G cellular modem* with built-in GPS
Multiple antenna types for the signal power and distance you need
Electronics housed in locking NEMA-rated enclosure
20-foot telescoping vertical tower rotates nearly 360 degrees
Nyoil® cable protection
Maintenance-free sealed batteries housed in secure, tamper-resistant battery box
Solar array tilts from horizontal to nearly 90° vertical

*Requires cellular plan, several plans available
Solar Surveillance & Lighting System

Multiple cameras
High-output LED lights
30-foot vertical tower
Local and remote control
High-capacity battery and solar power

Wanco’s Solar Surveillance & Lighting System features a 30-foot tower and lots of power, with a large battery bank and solar array.

This system’s day/night cameras capture high-resolution video that can be viewed locally or remotely in real time or recorded, while its ultra-bright, high-efficiency LED lights illuminate a large area. The lights can be operated manually, or automatically from dusk to dawn. Adjustable settings let you decide how long the lights stay on, and the lights and cameras can operate independently or simultaneously.

Two battery banks provide extended run times. The system can operate autonomously for long periods with sufficient sunlight. A large solar array keeps the batteries charged.

Features
One or two outdoor IP-network cameras
Cameras are day/night PTZ dome style with 360° rotation
Axis, Vicon, Samsung and other cameras available
Two or four 100W light fixtures provide white LED light with 10,050 lumens per fixture
Cameras and lights operate independently or simultaneously
Manual operation of lights, or automatic dusk-to-dawn or dusk + countdown timer
Onboard digital recording to solid-state NVR
Secure control cabinet houses 10.2-inch color touchscreen monitor
High-speed 4G LTE/3G cellular modem* with built-in GPS
Multiple antenna types for the signal power and distance you need
Electronics housed in locking NEMA-rated enclosure
30-foot telescoping vertical tower rotates nearly 360 degrees
Nycoil cable protection
Electric winch raises and lowers tower
Maintenance-free sealed batteries housed in one or two tamper-resistant battery boxes
Solar array tilts from horizontal to 90° vertical

*Requires cellular plan, several plans available

WCTS-LS Series

6 Wanco® Video Surveillance Systems
Solar PVS System

Industry leading tamper-resistance
Designed for use in unprotected areas
Perfect for long-term deployments
Local and remote control
Provides unmanned 24/7 presence

Wanco’s Portable Video Surveillance (PVS) System provides remote site monitoring in a robust, self-contained unit.

Rugged and dependable, this system features expanded capabilities with virtually any type of industrial- and military-grade components installed. The system is fully self-contained and self-sustaining, with onboard power, tamper-resistant features and wireless remote communications.

Access live and recorded video remotely, or through the integrated control center. Control cameras and other devices, and receive programmed event alerts, all in real time.

Features

One or two outdoor IP-network cameras
Cameras are day/night PTZ dome style with 360° rotation
Axis, Vicon, Samsung and other cameras available
Thermal cameras, radar units, motion sensors and IR illumination are optional
All devices operate independently or simultaneously
Industrial- and military-grade components
Onboard digital recording to solid-state NVR
Secondary secure control cabinet houses 12-inch color monitor, keyboard and mouse
High-speed 4G LTE/3G cellular modem* with built-in GPS
Multiple antenna types for the signal power and distance you need
30-foot telescoping pivoting tower with Nycoil cable protection
No wires or cables accessible from ground level
Electronics and power system housed in best-in-class steel enclosure with more than 16 individual locking points
Maintenance-free sealed AGM batteries housed in tamper-resistant enclosure
Solar array tilts and locks in place for optimum exposure

*Requires cellular plan, several plans available
Diesel PVS System

Industry leading tamper-resistance
Designed for use in unprotected areas
Ultra-quiet, auto-start diesel power
Local and remote control
Provides unmanned 24/7 presence

Wanco’s flagship Diesel PVS System features an industrial-grade power plant that ensures reliable, continuous operation.

This Portable Video Surveillance (PVS) system is completely self-contained with its own power, recording and communications systems. An ultra-quiet, low-speed, diesel engine charges batteries, which provide system power. An auto-start controller conserves fuel by running the engine only when needed for keeping the batteries fully charged. Typical run time is 30 days before refueling.

Wanco PVS deploys quickly and easily, and almost anyone can use it without extensive training. The digital video recording system allows local and remote viewing and recording, and the PVS advanced-analytics package offers a wider range of functionality, including alarms and telemetry notifications.

Features
Multiple outdoor IP-network cameras
Cameras are day/night PTZ dome style with 360° rotation
Axis, Vicon, Samsung and other cameras available
Thermal cameras, radar units, motion sensors and IR illumination are optional
All devices operate independently or simultaneously
Industrial- and military-grade equipment
Onboard digital recording to solid-state NVR
Secondary secure control cabinet houses 12-inch color monitor, keyboard and mouse
High-speed 4G LTE/3G cellular modem* with built-in GPS
Wi-Fi and many radio options to choose from
Multiple antenna types for the signal power and distance you need
30-foot telescoping pivoting tower with Nycoil cable protection
No wires or cables accessible from ground level
Electronics and power system housed in best-in-class steel enclosure with 16 individual locking points
Maintenance-free sealed AGM batteries housed in tamper-resistant enclosure

*Requires cellular plan, several plans available
Traffic PVS System

Designed for state, county and city DOTs
Live remote video
Integrates with existing video networks
Battery and solar powered
Multi-lane traffic monitoring sensor optional

Wanco’s Traffic PVS System features cameras and sensing devices chosen specifically for transportation departments.

This is a deceptively simple device with a wide array of applications. It lets DOT watch centers monitor traffic, road and weather conditions in real time. Traffic engineers can perform intersection studies for vehicle, lane and turning counts. ITS and signal engineers can tie into smart work zone systems for managing road construction projects. Municipal DOTs can monitor traffic in heavy-volume areas at peak periods. Because the Traffic PVS is portable, it can also augment applications where construction might require permanent cameras to be taken offline.

The system deploys quickly and easily, and almost anyone can use it without training. Remote-video access is achieved via any Internet-connected device. With additional batteries and solar, the Traffic PVS can be fully autonomous for long run times in most U.S. regions.

Features
Outdoor IP-network camera
Camera is day/night PTZ dome style with 360° rotation
Axis, Vicon, Samsung and other cameras available
Edge recording to SD card available depending on camera model
Live video can be fed (via FTP) to internal or public websites
Optional multi-lane, side-fire sensor records traffic volume, occupancy, speed and classification
High-speed 4G LTE/3G cellular modem*
Wi-Fi and many radio options to choose from
Multiple antenna types for the signal power and distance you need
30-foot telescoping pivoting tower with Nycoil cable protection
No wires or cables accessible from ground level
Maintenance-free sealed AGM batteries housed in tamper-resistant enclosure
Additional batteries and solar available for long-term deployments

*Requires cellular plan, several plans available
Traffic RVMS

Live video for real-time monitoring
Remote control of camera and message sign
Traffic, radar and GPS data optional
Easy to use
Portable and wireless

Wanco’s Remote-Video Monitoring System (RVMS) adds live video and remote control to Wanco Message Signs.

Available with our full-size and mini signs, these systems provide remote control of both the sign and the camera from any Internet-connected device. Change messages on the sign and control the camera, monitor traffic flow, weather and road conditions, use optional radar to view traffic speeds and optional GPS data to map the system’s location, all in real time.

The camera tower and message board can be raised and lowered independently at the sign, letting you use either one without the other turned on. The camera tower retracts fully, guarding against damage during transport and storage.

Features
Outdoor IP-network camera
Camera is day/night PTZ dome style with 360° rotation
Axis, Vicon, Samsung and other cameras available
Live video can be fed (via FTP) to internal or public websites
Edge recording to SD card available depending on camera model
Remote control of camera and message sign
View live or recorded MPEG video streams
Change messages displayed on the sign
Monitor system health and related data
Remotely access optional radar and GPS data
Optional multi-lane, side-fire sensor records volume, occupancy, speed and classification
High-speed 4G LTE/3G cellular modem*
Message sign is NTCIP-compliant
Maintenance-free sealed AGM batteries are optional

*Requires cellular plan, several plans available

Model WTMNBC
Remote-Video Interfaces for Surveillance Systems

WCCTV Cam Control
Mini Solar Surveillance System  page 4
Features
Live video stream via 4G
Multiple device connectivity
Zero latency PTZ control
Voice-down audio challenge
Send and receive alarms and relay commands
License free, multi-use software

Arteco Video Event Management Software
Solar Surveillance System  page 5
Solar Surveillance & Lighting System  page 6
Solar PVS Systems  page 7
Diesel PVS Systems  page 8
Features
Real-time event notifications
Area analytics for detection of violated areas, virtual trip-wires and trespass or loitering
Interactive mapping and camera control (PTZ, playback, live view)
Integrates with leading monitoring control center software
Built-in Web-based reporting

Axis Live View
Traffic PVS System  page 9
Traffic RVMS  page 10
Features
Access using a standard Internet browser
Full PTZ control
View edge recordings
Auto-tracking, gatekeeper and guard tour features
Alarm notifications
Multiple video stream types

16-camera view
Single camera view
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.

For more than 30 years, 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, visit us online at www.wanco.com or contact us by calling 1-800-972-0755. We look forward to serving you.