WANCO PVS
PORTABLE VIDEO SURVEILLANCE
Who can benefit from WANCO PVS?

Anyone interested in protecting themselves, their investments or the public should have a portable video surveillance system. Municipalities, construction contractors, event centers and law enforcement have all employed Wanco PVS to prevent theft and vandalism, reduce costs, improve the effectiveness of emergency responders and more.
If yours is a typical city, your PVS system will always be in use. High-incident areas, transportation, construction and critical infrastructure all need extra attention. Wanco PVS provides rapid deployment to any location, with quick setup and ease of use. Tow it, deploy it and leave it—it’s ready to go.

Monitor crowds at public gatherings. Watch traffic during a weather event. Protect public utilities and other vulnerable areas. With no end of possible uses and years of proven success in deployments across the U.S., you will benefit from Wanco PVS.
Cameras and imaging
Select the types of cameras and other imaging equipment that your deployment requires

Video and recording
Watch video live and use the onboard DVR to record high-quality video for forensic playback

Remote communications
Use cellular and radio communications to connect to the system, watch live video, view recordings and monitor system health

Power source
Batteries power all electronics, and can be charged by commercial power, solar panels or a hybrid auto-start diesel engine system

Portable trailer platform
Designed from the ground up as a portable camera system, the trailer includes all necessary equipment and ensures easy transport

Wanco selects only the highest quality industrial-grade components designed for outdoor use. In-house testing ensures equipment can withstand exposure to environmental extremes and the rigors of repeated travel. Every system is fully tested prior to shipment from the factory.

Let Wanco help determine your exact PVS requirements.
Call us today at 800-972-0755.
Technology selection

Domed day/night PTZ cameras for general viewing and recording
Megapixel and HD cameras for forensic imaging
Thermal imaging and motion sensing equipment
Combine the components you need — Wanco can equip your PVS with nearly any imaging system
CUSTOMIZED VIDEO AND RECORDING

Streaming video
Monitor live video streams over an Internet connection
Configure events using the ARTECO-LOGiC advanced analytics software
Event alarms provide real-time notification in several formats, including e-mail and SMS
Scalable system conserves bandwidth for streaming while preserving the integrity of the original recording

Digital recording
Environmentally robust DVR is resistant to vibration and temperature extremes
Fanless DVR design conserves system power
High-capacity solid state hard-drive (SSD) improves reliability
Digital recordings are high-resolution and include digital watermarking
DVR is located inside weathertight electronics bay with multi-lock doors to prevent unauthorized access

Streaming video (during remote viewing) can be compressed, with reduced resolution and lower frame rate, to conserve cellular bandwidth
Video recorded on the DVR always retains its maximum resolution to aid in forensic analysis after an event
**CUSTOMIZED REMOTE COMMUNICATIONS**

**Cellular modems**

Easy to deploy and easy to use, just turn it on and connect
Latest technology, 4G industrial modems with 3G fallback
Simultaneous connections from multiple users
Installed and preconfigured at the factory

**Radio frequency: RF and Wi-Fi®**

Point-to-point nodes for line-of-sight connectivity
Can use available public safety bands or other frequencies (such as 5.8GHz, 2.4GHz)
Use RF for mobile command centers and large sites
Use Wi-Fi® for confined sites

Corporate headquarters, miles away
On-site job trailer or mobile command center
Wanco PVS
**CUSTOMIZED POWER SOURCE**

**Battery option**
Large battery bank powers all systems
Maintenance-free AGM batteries provide years of service
Onboard charger can charge batteries with commercial AC power or portable generator

**Solar option**
Solar charging system uses the sun’s energy to charge batteries
Choose solar power output from 130 to 520 watts, based on load requirements and geographic location
Solar charging is always active when exposed to sun

**Diesel option**
Hybrid system employs battery and engine power
Ultra-quiet engine for deployment in populated areas
Auto-start system engages diesel engine automatically when needed
Can run 30 days or more on a single tank of fuel

**Remote access**
Monitor battery voltage and fuel level from a remote location
Remotely cycle power to cameras, illuminators, and other equipment

Batteries located inside locking equipment cabinet, separated from electronics
Tilting solar option faces sun at high latitudes or in winter
Diesel engine in self-contained compartment with removable cover
CUSTOMIZED PORTABLE TRAILER PLATFORM

Compact single-axle trailer
Compact trailer can be towed by most vehicles
Cameras remain in place during transport
Wanco PVS can be deployed by one person in less than 10 minutes

Vandal protection
No exposed wiring from ground level all the way up the mast
All electronics are kept safe behind doors that have multiple locks
Tow hitch can be removed and axles can be locked

Telescoping tower
Mast is raised and extended with two electrically operated winches
Two tower options, rising to either 26 or 30 feet

Additional equipment
Specify additional equipment to be installed on the tower or trailer
Electronic systems can include LED illuminators, motion sensors, public address system, beacons, strobes, sirens and more
Mechanical additions can include off-road package for rough terrain, spare tire and more
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