



TACTICAL SURVEILLANCE

EXPANDING YOUR VISION
Z **ZISTOS**[®]
PORTABLE VIDEO SYSTEMS



PORTABLE
VIDEO
SYSTEMS



INTRODUCTION For over 17 years, Zistos has been making a wide range of portable video systems to help law enforcement, military and government agency personnel — more safely and effectively — perform their inherently hazardous jobs.

Our systems are made in the USA and have all the features needed in a tactical system:

- **Weatherproof** • **Durable** • **Battery-Operated**
- **Compact & Portable** • **Lightweight** • **Flexible**

They are engineered to be interchangeable and rapidly deployed, which means that your team can quickly switch pole lengths, cameras and videoscopes, as a situation evolves.

Thousands of Zistos systems are relied upon around the world, including systems with US military, DHS, FBI, police departments, and many foreign government agencies.

From attic to basement to any unknown space, Zistos systems help enhance personal safety, while increasing intelligence gathering and emergency scene management capabilities that lead to safer, faster, resolution of dangerous situations.

Easily switch to any Zistos poles, cameras, scopes and accessories — as a situation evolves.



Split WalkAbout shown with optional baton.



MODULAR DESIGN Complete flexibility and compatibility — is the foundation of all Zistos systems. All system components and accessories are fully interchangeable and are field configurable, as needed. Tools designed from year to year work together; they won't become obsolete and systems can be expanded at any time.

Our camera tools are ideal for tactical missions and allow teams to increase safety and efficiency, while gaining intelligence and situational awareness before entering potentially hazardous areas.



"We were on a barricade with a mentally ill subject... who had locked himself in his bedroom. We maintained a clear view of the subject with one Under-the-Door Camera... Without your product, there is a possibility that members could have made entry into a room that was staged for an ambush. Furthermore, your product was built to withstand the most abusive environments that a tactical situation can create and keep on working — allowing us to be ready for the next call."

—County Sheriff Office, Maryland

"Your quick response time was first demonstrated when my original e-mail message was sent on Sunday afternoon, on a long Independence Day weekend, and Mr. Levine responded that very evening, providing his cell phone number for direct contact."

Your service is unparalleled, and the equipment you provide is top-notch. Thank you for all you do.

—County Sheriff, Michigan

"Today we had a barricaded subject in an attic apartment. We utilized the Zistos camera system and it worked like a charm. Subject was found hidden in a room corner and talked out. He was taken into custody without incident. Thanks for making it possible for us to obtain this great product."

—Federal Agent, New York

Chest-mounted, split WalkAbout shown with optional compact thermal camera.



THE CORE COMPONENTS OF

Display Options

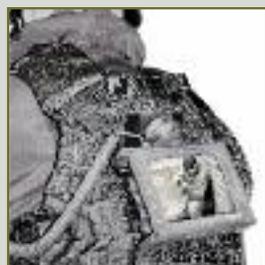


5.6" Chest or Back-mounted Split WalkAbout (WM-5.6-LCD/WMX-BASE)

- Large 5.6" (14.2cm) color, VGA, chest-mounted screen
- Low profile
- Rugged and weatherproof



Chest-mounted Split WalkAbout



Back-mounted screen

DVR recording and wireless options are available for all display configurations.



5.6" Chest-Mounted Standard WalkAbout (WM-5.6-MON)

- Large 5.6" (14.2cm) color, VGA, chest-mounted screen
- Rugged and weatherproof
- Easy to use single piece

Pole Options

Extended Reach!

- Telescoping Gooseneck Carbon Fiber (TC-FNS-XX) – Lightweight, available in 20ft, 30ft and 40ft lengths. (6M, 9M and 12M)
- Telescoping Gooseneck Fiberglass Poles (TFNS-XX) – ranging from 5ft to 20ft. (1.5M, 3M, 4.5M, 6M, 7.5M, 9M, 10.5M, 12M, 13.5M, 15M, 16.5M, 18M, 19.5M)
- Articulating Aluminum & Fiberglass Poles (AP-TXX)
- Optional Fiberglass Baton (B-FNS-XX) – designed for use in confined spaces.

ANY TACTICAL SYSTEM



... available in 6ft, 9ft, 14ft and 20ft lengths. (1.8M, 2.7M, 4.2 and 6M)

... for



Position the 1' (.3M) flexible gooseneck as needed.



Articulating Head enables camera to pan 180° by twisting the handle.



Detents and markings indicate camera position



Fast cam-action locking collars available on carbon fiber poles

Audio



Audio Module

Attach the Audio Module (**AAM**) between any pole and any camera to add audio surveillance.

- Audio circuit to amplify low level sounds and compress high level sounds
- Omnidirectional microphone housed in a weather-resistant enclosure
- Includes two pairs of ear buds with an integrated volume control

Camera Options



The **WPC-3.5IR** is our standard infrared illuminated, waterproof, BW tactical camera. Its completely covert infrared LEDs, together with its low-light sensitivity, provide a superb image in total darkness.



The **ULC-3.5IR** is our best performing infrared illuminated, waterproof, BW tactical camera. Its completely covert infrared LEDs, together with its low-light sensitivity and video frame integration technology, allow it to see over longer distances in total darkness.



The **WPC-2.5ZIR** camera is an infrared illuminated, waterproof, day/night, zoom camera. with a 10x optical zoom. With sufficient external lighting the camera operates in the color mode, providing maximum detail. When using the internal infrared illumination, the camera operates in the more sensitive BW mode.

Illuminated color cameras also available.

Dual Mode Thermal Camera



Locate hidden personnel and compartments quickly and easily with thermal imaging. The **Dual Mode Thermal Camera (THC-51D)** provides both a thermal image and an infrared illuminated high resolution BW image in one camera.

Features:

- Detects heat signatures through smoke, tear gas and fog
- Attaches to any articulating or gooseneck pole or cable
- Instantaneously switch between thermal and video camera
- Variable Intensity IR Illumination when used in BW video mode
- FOV of 50° Horizontal
- Slim 1.8" (46mm) housing
- Range to detects human activity at 1.5ft to 330ft/.5M to 100M (Thermal)

Use the thermal camera mode to easily locate a heat signature. Then switch to the infrared illuminated BW mode to view the detailed image, simply by turning on the illumination control on the WalkAbout.



Black & White image from the Dual Mode Thermal Camera



Infrared image from the Dual Mode Thermal Camera

Under Door Cameras

TWO MODELS AVAILABLE

The **Dual View Under-the-Door Camera (ZDV-CP)** contains two CCD cameras: one forward looking into the room, and one upward looking at the door.

The **Single View Under-the-Door Camera (ZSV-CP)** contains a single CCD camera to look forward into a room, providing a cost-effective solution.



Features:

- Slim 1/4" (6mm) high tongue
- High resolution, BW cameras
- Infrared (invisible) illumination
- Miniature microphone
- Water-resistant enclosure
- Video processing electronics to enhance images in low light
- Includes specialized 8ft (2.4M) pole to maneuver the camera, cable and hand-operated pneumatic door jack

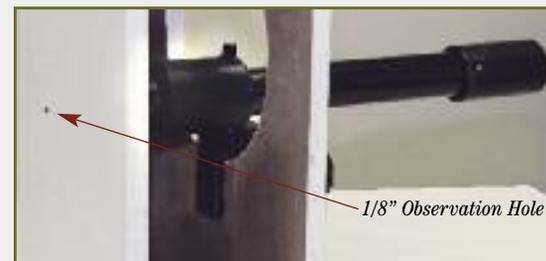
Through-the-Wall

Covertly gather visual intelligence by observation from an adjacent interior room.

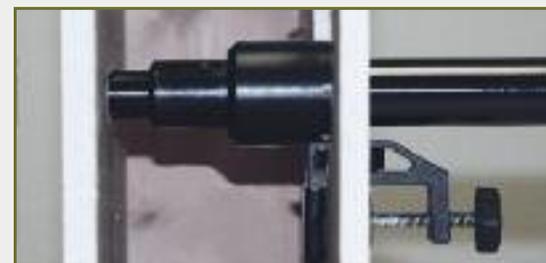
The **Through-the-Wall (TTW) camera** is a complete surveillance system designed for use in tactical missions such as hostage-barricade scenarios and breaching operations.

Teams can covertly gather visual and audio intelligence through a 1/8" (3.2mm) hole drilled through a sheetrock wall with tools designed for near-silent operation.

Kit includes a pin hole camera, IR illuminator, audio module, all cutting tools in a carry case.



Camera in position through 1/8" access hole.



Cutaway of camera clamped into position to view into adjacent room.

StealthSCOPE™

Designed for tactical surveillance applications, the **StealthSCOPE (SSM)** is a standalone compact 9mm diameter videoscope that can see 20' (6M) covertly in total darkness. This is accomplished with an invisible internal 980nm IR laser light source and electronic low-light processing.

Its 9mm diameter allows it to be inserted into small openings and tight areas. This innovative battery-powered device has a built-in high resolution monocular video display.

Features:

- 4-way articulation, semi-rigid flex-and stay guide tube holds its shape – making it easier and safer to see around corners, over walls, under doors and inside vents and ceilings.
- Can generate images of objects and individuals as far as 20' (6M)+ in complete darkness



Standard videoscopes, fiberscopes & borescopes are also available.

WatchAbout

The **WatchAbout wrist-worn display unit and companion transmitter allow team members to share images remotely – in real-time.**

The 5.8Ghz transmitter attaches to any WalkAbout LCD display. Images from the main display are broadcast and viewed by others wearing our wrist-mounted watch with a built-in multi-channel receiver.

The 22-channel transmitter allows multiple transmitters to be operated independently within the same location without interference.

Features:

- Additional units can be added for multiple team members to share the same video data



Portable Network Surveillance Camera

Instantly set up a wireless IP-based video surveillance. The **PNSC** is a portable, weatherproof, self-contained unit incorporating an infrared illuminated day/night PTZ (Pan/Tilt/Zoom) camera on a pole, a large capacity lead acid battery and a wireless network transmitter. Sets up in five minutes. Transmit to a PC with a wireless connection.

Features:

- Complete turnkey solution in a single case
- No external power or wires required
- Rugged, weatherproof design
- Infrared illuminated day/night PTZ (Pan/Tilt/Zoom) camera with 18x zoom
- Monitoring software included
- MESH network & cellular solutions available

Applications:

- Tactical surveillance for hostage barricades
- Perimeter surveillance
- Event or VIP security



Software enables multiple views of all PNSCs in configuration.



Standard Tactical System



Typical Tactical System includes:

- Display
- Telescoping pole
- IR Illuminated Camera
- (2) Rechargeable batteries
- Listen-only Audio module
- Hard waterproof carry case
- Universal Harness
- Battery charger & wall-mount power supply
- Vehicle adapter cable for charger
- Sunshade
- Right angle adapter

The following optional accessories are available:

- Thermal Cameras
- Videoscope
- Under-the-Door Camera
- IR Zoom Camera
- Multiple pole types and lengths available
- Wireless options
- D-Cell Battery Adapter

This product may be subject to the Export Administration Act, 50 U.S.C. 2401-2420 and the Export Administration Regulations, 15 C.F.R. 730-774, under the jurisdiction of the U.S. Department of Commerce, Bureau of Industry and Security (BIS). A license may be required for export of this product and/or technical information relating thereto, depending on the applicable Export Control Classification Number (ECCN), country of export (or country of nationality of the foreign national in question, for technical information), and purchasing entity. Foreign person means any natural person who is not a U.S. citizen/U.S. green card holder/refugee or asylee lawfully admitted into the U.S., and any foreign corporation, entity or government. Zistos products which are EAR99 may be exported to all destinations other than embargoed destinations. Please contact us if you have any questions.

Zistos Corporation 1736 Church St, Holbrook, NY 11741 ■ Ph 631.434.1370 ■ Fx 631.434.9104 ■ www.zistos.com ■ Email: info@zistos.com

TACTICAL SYSTEM SPECIFICATION SUMMARY

Case:

Waterproof; 53" x 17" x 6" (134cm x 43cm x 15cm)
Approx. 37-40 lbs. (17-18kg), depending upon pole

Display:

WalkAbout Monitor: Chest or back-mounted; Weatherproof; 5.6" (14.2cm) color, VGA, LCD with resolution of 640 x 480.

Camera Options:

WPC-3.5IR: IR illuminated BW camera; Waterproof; 2.5" (64mm) D x 2.3" (58mm) L; 410K pixels; 0.003 lux; 92° FOV

ULC-3.5IR: IR illuminated, frame integrating, BW camera; Waterproof; 2.5" (64mm) D x 3.0" (76mm) L; 380K pixels; 0.0003 lux; 92° FOV

Battery:

BAT-2: Rechargeable 7.2V NiMH; 2-hr charge time, 2-hr run time (illumination off)

Pole Options:

AP-T9 or AP-T14: Remote articulating, 4.3ft (1.3M) collapsed; Either 9ft (2.6M) or 14ft (4.3M) extended; Articulation range of +/- 90°

T-FNS-14: Gooseneck, 4ft (1.2M) collapsed and folded; 14ft (4.3M) extended; 1ft gooseneck bends 180° in any direction

TC-FNS-20, TC-FNS-30 or TC-FNS-40 Carbon Fiber: Telescoping, TC-FNS-20: 20ft (6M) extended, 4ft (1.2M) collapsed; TC-FNS-30: 30ft (9M) extended, 5.3ft (1.6M) collapsed; TC-FNS-40: 40ft (12M) extended, 6.6ft (2M) collapsed

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