

Surveillance Vans

Products You Can Install

Up-dated 5/13



Covert Systems, LLC
12305 E. Triple T Ln Prescott Valley, AZ 86315
928-759-2121 Fax 928-759-2144 Sales@covert-systems.com

Periscopes



Periscope, R/5 with Slip Rings \$9823.00

This new R/5 periscope is similar to the R/4 except the over all size has been reduced to give more clearance and room in the surveillance van. The main advantage to the R/5 is that it uses slip rings so that no cables will wind up in remote operations. The next advantage is the periscope doesn't need to be raised all the way to get a great picture. Just raise it just enough to get your picture and view away. The new mirrors are of the highest quality. Flat within a 1/4 of a wave length. Thus, reducing distortion when zooming in on the target. The hand controller incorporates a joy stick controller for ease of operation. Operational considerations for the periscope raise and lower functions have been improved with the addition of limit switches that automatically open the power feed to the control motor when the scope is in the Fully Raised or Fully Retracted positions. An LED indicator light illuminates to advise the operator that the scope is down and in the water tight position. Optional use of the raise/retract function remains at the individual Operator's discretion based upon deployment requirements to utilize while on station or prior to arrival. Weather conditions may also impact when to use this function. REMOTE Controller is available by two-way radio, Wi-Fi and Internet/Cell Phone.



Hand Controller for R/4 & R/5

This hand controller controls the camera PTZ, iris, focus and zoom. It controls the height and lowers the top mirror for sealing the system from weather. **\$854.00**

See **NEW** controller Page 14 - Internet or Wi-Fi control

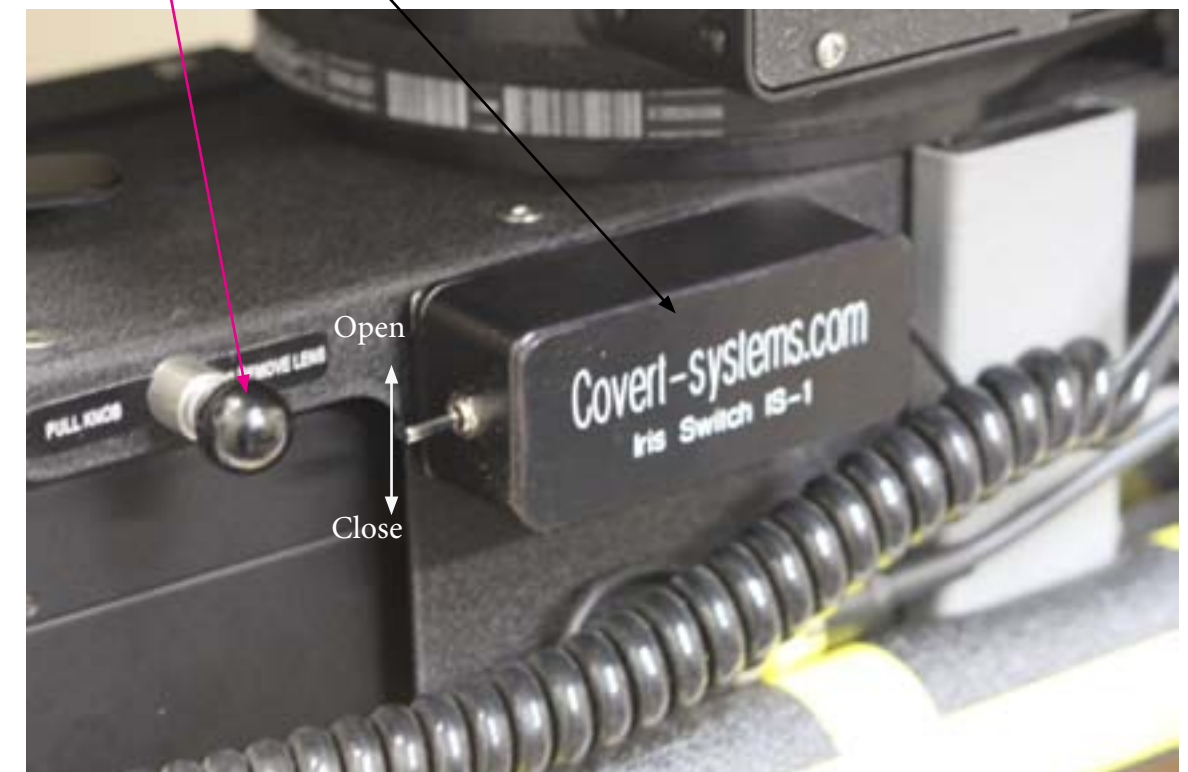


R/5 with our new iris controller and 825 mm lens



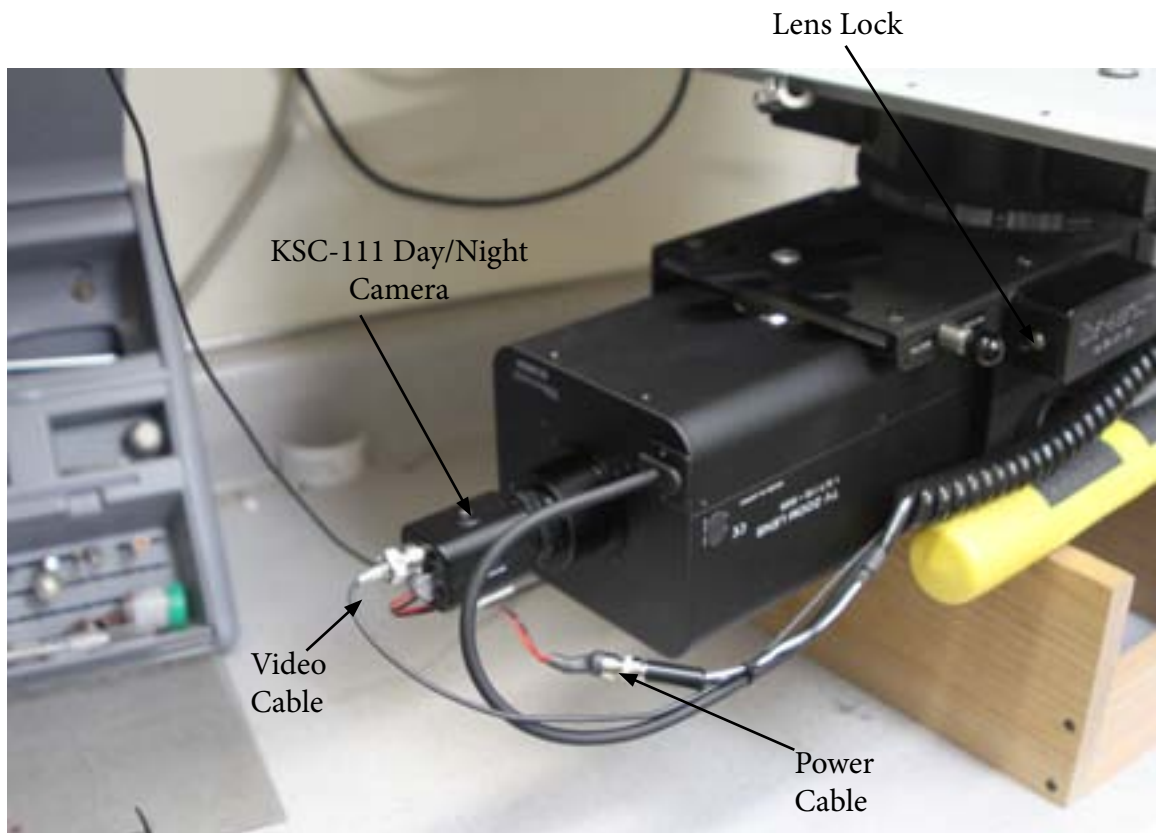
Camera Release

Iris Controller





Video
 Camera Power
 Lens Control



Shows Camera Connections
 With QRM Quick Release Mount



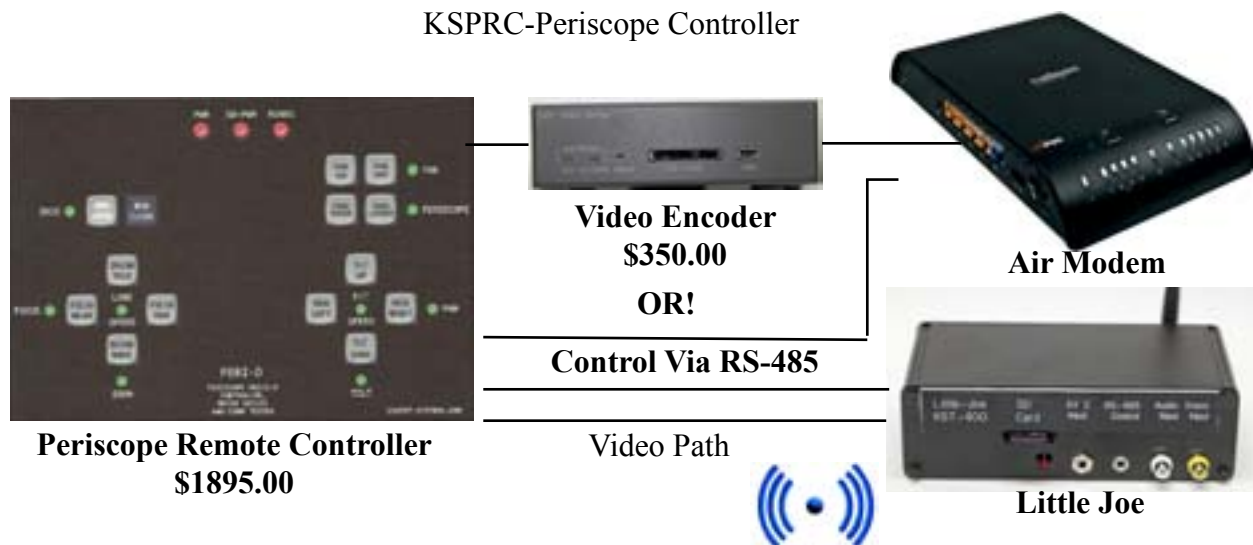
Periscope, Standard, R/4 \$6785.00

This new R/4 periscope is similar to the R/3 except the over all size has been reduced to give more clearance and room in the surveillance van.
 The next advantage is the periscope doesn't need to be raised all the way to get a great picture. Just raise it just enough to get your picture and view away. The new mirrors are of the highest quality. Flat within a 1/4 of a wave length. Thus, reducing distortion when zooming in on the target.
 The new hand controller incorporates a joy stick for ease of operation.
 The camera mount will handle our 15x300 lens as well as a our 825 mm lens.
 Shipping Weight 34 lbs

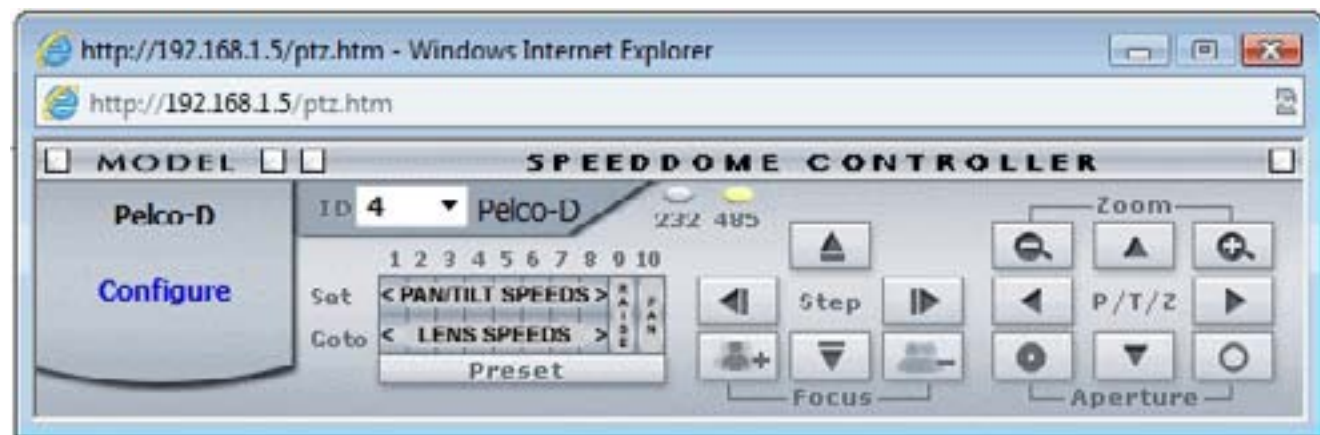


QRM Quick Release Mount
 The Quick Release Camera/Lens Mount system consists of a set of mounting plates that easily and security slide into place and lock into the receptacle at the rear portion of the scope. A set of electrical plugs are included so that a seperate set of cameras and lenses may be quickly swapped out for different applications. This would include our large long distances lens and well as night vision. This option is required with All large lenses. \$367.00

← See Photo!



Periscope Controller. This new controller, using our standard camera control software will allow full control of a periscope camera system mounted in a surveillance vehicle. Buttons on the front of the remote controller allows for local control of the periscope. Little Joe makes a local connection between your lap top computer and the surveillance vehicle controller and if you desire over the internet connection just install an air modem.



Software Display for Controlling the Periscope
Ask for the data sheet on this product
Model KSPRC-100



Back of Periscope Controller (KSPRC-100)
Local Control. Plugs into Little Joe for Wi-Fi and Internet control

Special --- All 12 Vdc Operation
Periscope (R/4), Hand Controller, Day/Night Camera (KSC-111),
15 x 300 mm Lens, 19" LCD Color Monitor &
DVR with DVD burner & 500 Gb HD (KSR-100)
Wired & Tested --- \$Call

Cameras & Lenses

When it comes to the cameras and lenses for your operation, you must evaluate what you want to video. If I were working down town Los Angeles I would use a 15x300mm lens with a standard day/night camera. Now if I were working out in San Bernardino county, like Victorville, working meth labs at a distance, then I would be using our KSL-55 lens with a KSC-111 very low light camera. If you are going to be working in town and out in the desert, then purchase the QRM, quick release mount which will give you many options. By the way, thermal camera will not work in standard periscopes. For real night vision set-up, see our *LRS-100 Pocket Scope*. This NV scope may screw directly on to the 15 X 300 lens for real low light operations. See Ron's application notes.

Best



\$595.00

Day/Night Camera

The new KSC-111 is the latest small controllable day/night camera on the market. With low light rating of .00001 lux, the camera maybe used in surveillance vans, drop cars, & many applications.

You will be totally amazed at what you will see at night. Replace those Watco 902H and other similar cameras and up date your evidence collection capability. Camera also has a digital **ZOOM** capability of at least 3X.



This is the latest long range lens that is compatible with our PTZ-357 Pan & Tilt. This lens when used with a 1/2" chip camera, will have a zoom range of 10 to 300 MM, and when used with a 1/3 chip camera will have a zoom range of 22 to 435 MM. And when used with the new 1/4" chip cameras, the zoom range is 30 to 600 mm. When used in surveillance vans and our scope, this lens is ideal for city surveillance and our KSC-111 day/night camera. The lens is a fast F1.5. 3 motor, isolated ground. **KSL-10 X 300** \$1,895.00

Model
KSL-10X300
Standard City
Surveillance
New Low
Price!



Full Zoom
See page 7 for wide angle shoot

1600
Meter
Target



Full Zoom with 3X digital
Zoom from the above camera



Long Range Lens, 15-825 mm

This surveillance camera lens was designed for 1/2" and 1/3" chip cameras. With a optical zoom range of 55X, this lens will be perfect for all types of surveillance senores. For out of the city operations, such as farm land, desert, or meth labs, this is the ideal lens. \$9500.00. 2.5 Kg. When used with our periscope, the QRM (Quick release mount) option is required.

Model KSL-55

Larger lenses are available upon request. Our new ILS-6000 Image stablizer is available at \$1850.00 this unit will help you make great shots at long ranges



Mid Range



Target is 1600 meters



Model KSC-C60 \$1695.00

The KSC-C60 is the perfect solution for monitoring a wide variety of settings, from small retail shops to large facilities, indoors and outdoors. Thanks to its 56° wide angle lens and 40X optical zoom, the KSC-C60 is the perfect solution when you need to observe a large area with a single installation. The KSC-C60's high sensitivity CCD delivers superior image quality, even in low-light situations. Offering a wide array of new "intelligent" functions for increased efficiency, the KSC-C60 is the reliable choice for your video monitoring needs. This network camera is ideal for drop cars and window cameras in surveillance vans. Full control of the camera is done via your laptop computer. In the lower right is our new Window Mounting Hardware for PTZ and Dome Cameras.

(See this camera in operation at: covertsys.dyndns-ip.com)

Window Camera Mount

This new window camera mount is perfect for drop cars, drive by's & installation that need to be moved from car to car quickly.

This unit is fully adjustable. The top and bottom pieces slip in between the window and door frame, thus holding it in place. The PTZ or dome camera may be placed on the center shelf and the cables run down to the bottom shelf or to the IP, Wi-Fi, or microwave equipment transmitting the video.

Model WCM-012 \$450.00



Front Pivot Camera System

For the first time, a low cost method of mounting a camera and zoom lens that can pivot around a small hole or slit in a wall, surveillance van, window or electrical box. Using our PTZ series of Pan and Tilt, this unit allows observation thru a small hole at +/- 45 degrees panning and +/- 30° vertical FOV .Add \$795 for the standardPan and Tilt or \$1895 for R/C Model KSCM-10 \$350.00 Ideal for our KSC-Z670. One could hide the camera behind a small piece of IR glass. IR glass is available at \$35/sq ft. Also available is a hand controller. Call for price



SSD-7981D has 30 times optical zoom and 10 times digital zoom. The 3.3 – 99mm focal range allows user to see enough wide or target at distance effectively.

The self-calibrating function built in the camera will re-align the SSD-7981D periodically and automatically, ensuring the PTZ camera will run smoothly and correctly during its work.

SSD-7981D PTZ uses Sony Super-HAD CCD and provides 520-line high resolution image in color and detail, or 570-line super-high resolution in black-white when working in dark.

The SSD-7981D lens has mechanical IR-cut filter which will be removed during low-light condition to allow IR illuminated image to pass onto CCD for forming viewable

picture.

If no IR source is supplied in dark, the slow shutter (in OSD menu) may improve image's brightness by integrating two or more frames for one picture. The DSS function can be automatically off when light is enough, if it's set to AUTO.

Model SSD-7981D \$1295.00



YPV-7000 Portable Mobile Video Kit

The TigerPride TPV-7000 is designed as "Tactical Intelligent Gear and Evidence Recording System" for manned and portable deployment operations. The TPV-7000 also provides a telescoping pull out Tote Handle with built-in case wheels making it easy to roll the system from your office or car and into a hotel or building for deployment. The TPV-7000 system can be hand carried using its side or top handles built into the case.

The TPV-7000 base system provides a vibration free environment for its 1U Rack Mounted 100 Channel Audio Receiver, Multi Video Input Patch Panel and Video Switcher, Four 25' Ft. Video and Power Quick Connect Cables, 1U Rack Mounted MPEG4-D1 Quality

Mobile In-Car four channel Audio/Video DVR Recorders with 40 – 120 or 250GB Removable Hardened Hard Drives, 1U Rack Mounted Flip-Up Dual 7" TFT/LCD Quad Monitors.

LE ONLY



IDEAL FOR VEHICLE OR PORTABLE MONITORING
RETRACTING TFT/LCD FLAT SCREEN MONITORS
ROLLABOUT CASE / TELESCOPING TOTE HANDLE
CITATION 20 AUDIO RECEIVER IN RACK FORMAT
4 CHANNEL DIGITAL DVR AUDIO/VIDEO RECORDER
VARIOUS CAMERA OPTIONS (NOT INCLUDED)
MICROWAVE AND IP CONNECTIVITY OPTIONS

Monitors & Recorders

TFT LCD Monitors -- 12Vdc

We carry the finest color flat screen monitors available on the market for surveillance vans. Check out these Features:

- High Resolution 1280 x 1024
- 16.2 Million Colors
- Composite Video, S-Video, D-Sub Inputs
- Built-in Speakers - Stereo
- 300:1 Contrast Ratio
- Remote Control & PC Cable



19" \$450.00

DVR Recorder, 19" Monitor, 4 video Inputs, 12Vdc



- 12 Vdc Operation
- H.264 Compression NTSC/PAL
- 4 Channel Video Input
- 100 FPS Recording
- RJ-45 Connector for Network
- Supplied/W 2T HD Drive (SATA)
- Motion Detection
- One Channel of Audio
- Supports Pelco D for PTZ Control
- Ideal for Our New KSC-HC

KSR-9004-Van
\$895.00 W/Drive

Officer Safety Group



Low Light Cameras



- 12 Vdc Operation
- H.264 Compression
- 4 Channel Video Input
- 2 CH Audio Input 1 CH Output
- Point & Click to Target
- Supports Pelco D & P
- Alarm Output
- 60 FPS D1 +
- RJ-45 Network Connector
- One TB HD
- Easy Removal HD Drive

This system allows the officers in the van to observe what is going on around the van. The 4 cameras are fed to a 4 camera DVR and displayed on a 10" LCD monitor. The cameras are our very low light pinhole cameras and let you see anyone coming up to the van.

4 cameras w/10' cables, DVR, & LCD monitor. Add 595.00 for microphone system.(See Whisper II Page 14)

\$1825.00

Air Conditioning System

Tiger II Van A/C

- Silent Running with Squirr-cage blowers
- Shock & vibration Componets
- Factory pre-charged compressor
- LED Read out
- 7,000 BTU
- \$4650.00



SPECIFICATIONS:

Cooling Capacity:	7,000 BTU
Construction:	Laminated Wood
Cover:	Auto Grade Cloth
Compressor:	Precharged with R-417
Condensate Elimination:	Holding Tank with Manual Drain Valve
Controls:	Smart Digital Controller
Read-out:	LED
Power:	120 Vac & 7.5 Amps
Height:	37.25"
Width:	19.25"
Depth:	24.5"
Weight:	85 Lbs
Shipping Weight:	119



DC to AC Inverter for the Tiger II A/C Unit KSI-2812

This inverter is a true sine wave inverter with a clean output and very low noise generation.

There are other types of inverters available such as Modified or Square Sine Wave inverters. They produce noise which translates into Poor 120vac power shorting the life of your air conditioner and also causing your air conditioner to operate at a much higher amperage shorting the operational time of the batteries.

Call for latest pricing:

Van Power Package from TTI Model TMP-PWR \$5635.00

Package Includes:

2000 Watt + Power Invert/Charger (Above)

Pro-Battery Status Panel

2 ea 8D Batteries

Cabling and Connectors

Fuses & Installation instructions

Shipping about \$350.00



The True Sine Wave inverter receives its operation power from two dedicated deep cycle gel cell batteries. These batteries connect directly to the inverter creating 120vac power for the air conditioner. The batteries are charged from the inverters built-in 100 amp multi stage battery charger when the vehicle is plugged into shore power back at your vehicle storage facility. These batteries AGM or Gel Cell batteries will provide approximately 8 to 10 hours of operating time on surveillance based on the temperature settings of the air conditioner and charge rate of the batteries.



KSB-1800

ODYSSEY® Batteries has introduced a new rack mount sealed valve-regulated lead-acid (VRLA) battery that provides deep cycles performance and enormous cranking power in one battery. The ODYSSEY® KSB-1800 military grade battery provides long duration deep discharge power with an incredible 475 minutes of reserve capacity at 25 amps. The KSB-1800's rugged

Construction makes it ideal for heavy duty deep cycle applications such as Fire and Rescue vehicles, Marine, Refrigerated Trailers, RV Motor Coaches, & Surveillance Vans.

For van design considerations, use 214 Ah. Typically, 2 to 3 batteries for the A/C and one for the camera systems. Total of 4 batteries. What is really nice about this battery, is the short cable that are required to parallel the batteries. The batteries weight is 132.3 lbs each and since they are so compact, they can be split up to equalize the weight on each side of the van.

Model KSB-1800 \$735.00 + Shipping

Radio Equipment



Citation 20R Body Wire Receiver

This is our top of the line body wire receiver configured for rack mount in a surveillance van application. This receiver features: 100 channels, fully frequency programmable, digital audio filters, de-scrambling option, 12.5 / 25 kHz switchable bandwidths, & Backlit LCD display. \$2400.00



Digital Recorder KSR-560

No more flipping tapes! A single 1Gb flash card can hold up to 36 hours of uninterrupted audio (monaural .mp3 at 64 kbps). For music recording, the same size card can hold more than 17 hours high-quality compressed stereo (.mp3 at 128 kbps). If you need CD or better than CD quality uncompressed audio, you can get about one 1.5 hours worth of 16-bit linear PCM (WAV) audio at 44.1 kHz or 48 kHz on a suitable 1Gb card. \$595.00 Requires 115 Vac

Other Available Equipment

Portable Surveillance Kit MODEL # KSS-PI-2C

New Improved!



Features:

- Portable-Mounted in Pelican Case
- 12 Vdc Operation 110Vac/12 Vdc
- Day/Night PTZ
- Network Compatible
- H.264 Compression
- 4 Channel Video Input
- Pelco D Software
- One TB Storage
- 432 X Zoom Camera
- Motion Detection



Great for Surveillance Van or Car

Specifications:

Camera:	PTZ KSC-HC, Sony
Monitor:	10", Color 1 to 4 Inputs
Recorder:	4 Channel
Compression	H.264
Storage:	Up to 2 TB
Case:	Pelican 1520
Camera Lux:	.01 Lux
Motion Det:	Yes
Cable:	12'
Camera Mounting:	Magic Arm
Power:	12 Vdc @4 Amps
OPTIONS:	
4 channel output:	Add \$250.00-4 Outside Conn.

Description:

This new surveillance kit was designed for quick set-up for the narcotics or surveillance team that can be used from a van, car, or store front operation. With one TB of storage, and a single camera will store several days of video.

This system uses our new designed PTZ camera with 432X zoom range with excellent results. Put the recorder into video motion detection and get many hours of recording. Great for a drop car. Everything is packed into the Pelican case except for the grab bar.

Microphones Around Van

Under development, is our multiple microphone system for use in the van by TTI

12305 E. Triple T Ln Prescott Valley, AZ 86314 928-759-2121 Fax 928-759-2144 Email sales@covert-systems.com

SALES INFORMATION & SPECIFICATIONS



Covert-Systems.com

by Ross Associates

Date: 1/13- Restrictions: None

Microphone System
Stereo
High Gain

Interrogation Room Microphone System MODEL # Whisper II



Stereo \$595.00
Mono \$475.00

Specifications:

Amplifier:	Whisper II
Microphone:	Dynamic w/10' leads
Power:	12Vdc



Features:

- 60 db Dynamic Range
- 12 Vdc Operation
- Full Stereo Operation
- Approved by DOJ
- Used by Hundreds of PD's All over the World

Description:

This new Whisper microphone system for interrogation far exceeds any other microphone system on the market by two fold. The dynamic range of the amplifiers is so good that the system can pick up a whisper in the interrogation room. Just put two suspects in the same room and walk out for a few minutes, and the two will whisper two each other about their story, and it's all picked up by the system. Don't buy a recording system unless it has a stereo input.

Visit our web site www.covert-systems.com

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Recommended Surveillance Van Equipment

The following is a starter list of recommended surveillance van equipment

Very low light/Day-night Camera KSC-111

Lenses:

In the city: KSL-10x310

Out back: KSL-20x700

Periscope: R/4 or R5

Monitor/Recorder KSR-9004 Recorder:

Antennas: We recommend Sti-co disguised antennas

Batteries: KSB-1800 3 to 4 Units

Radios: Your department radios or MDT's

Body wire Receiver with recorder - Citation 20R

Air-Condition Gas -- TTI's Tiger II

KSPRC-100 Hand controller with built-in Internet Compatibility \$1895.00 or with the new "Little Joe" a Wi-Fi connection.

The Following are items that help make surveillance easier

Body Wire Rx Citation 20R

Video Rx Microwave receiver with antennas KSR-357

Lighting Use 12 Vdc florescent or Blue LED's

Paneling and carpet

Internal locks on doors

Safety Barricade - with access for door to front

Magic arms to hold camera at rear windows

Window covering with Velcro

4 Camera System - For officer safety with multiplexer and 5-7" separate monitor

Camcorder Canon or Sony

Night Vision Call for latest value

IR Glass \$25/Sq Ft.

One of the most important things to do when building a surveillance van is to insulate. This is to say, don't skimp here. In addition, keep the window glass to a minimum. The floor should be insulated with a minimum wood floor thickness of a least 3/4" covered in indoor/outdoor carpet. Put reflective insulation under the wood floor to keep the heat from the street from penetrating.

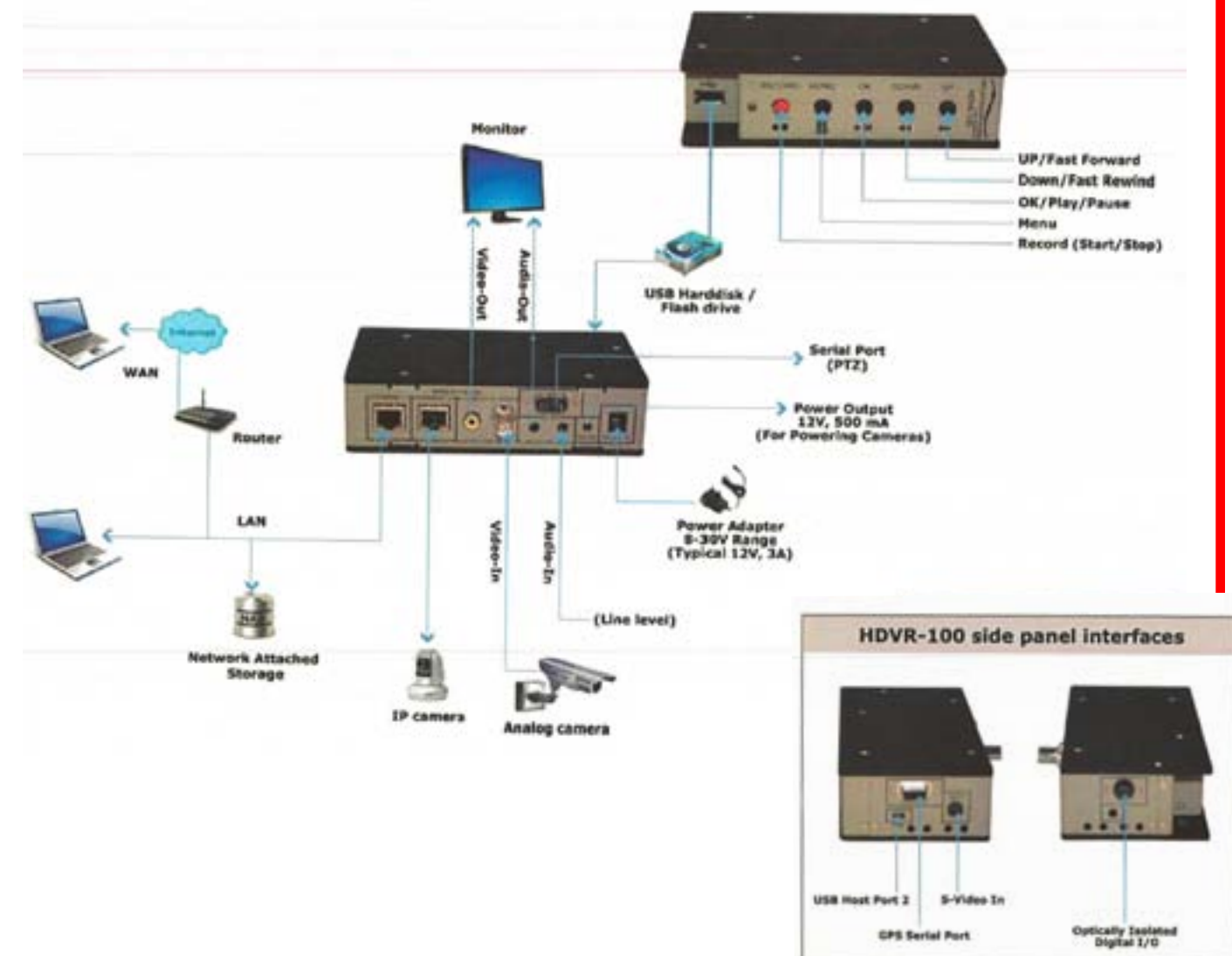
Once you have insulated the van, installed the floor, and panel the walls and covered the walls with a light colored sound absorbent felt or similar material, installed your working desk, secured an area for the batteries, you are now ready to add the video and electronics equipment.



Digital Video Recorder/Interface

This DVR converts any analog camera to an intelligent, high resolution surveillance system. The analog A/V signal from the camera is captured, compressed and stored to an external USB storage media using H.264 video and MP3 audio formats. Ask for data sheet on this product!

When an IP camera is connected to an KSR-HDVR, all of its features are retained, and the IP camera can be fully controlled through its own PC/Mac application in a transparent manner. The DVR further adds to the functionality of the IP camera by offering the store and forward A/V stream feature. It records the Motion JPEG video stream of an IP camera along with its audio footage to an external USB storage device connected to the DVR. The stored contents can be streamed in H.264 format, for remote viewing. **Model KSR-HDVR \$2400.00** See Data Sheet





Surveillance Vans



Only \$82K -- Loaded
Call for more info!

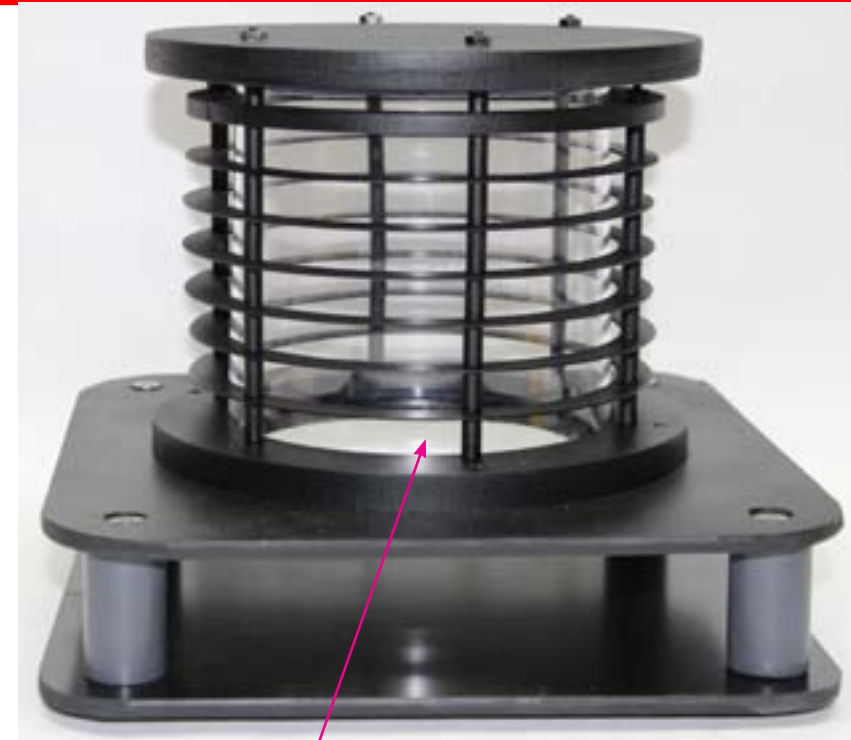
Camper Shell
Package



Sample of different vans avail-
able. Call us for a quote!



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New System Under Development

This system incorporates the latest equipment and ideas to furnish a quasi periscope system at an affordable price. A top that looks like a vent in the top of a van fitted with the latest PTZ color camera (432X Zoom) and our latest 4 channel PTZ DVR/Monitor makes an ideal low cost surveillance package. The DVR is network ready for any network system. The DVR contains the software to control the PTZ. Call us for details.



