

## Portable Surveillance



## V4-Pro Portable Surveillance System

The V4-Pro Portable Surveillance System or Rapid Deployment Kit (RDK), is an extremely portable kit of digital video recording (DVR)/surveillance equipment. It is intuitive, efficient, and a versatile system that can be utilized in any of the world's most remote environments.

This RDK is a turn-key, **single person deployable** portable video surveillance system that has the ability to operate in both indoor and outdoor surveillance environments in order to monitor critical assets and remote locations. The V4-Pro empowers you and your team with cutting-edge technology for all your intelligence, surveillance and reconnaissance (ISR) missions.

### MORE INFO

[Click here](#) to watch a field test video of the system.

## V4-Pro Portable Surveillance System

The V4-Pro is an 8 or 16 channel wireless surveillance system that functions as the central hub for live wireless video feeds and remote client connections. It is powered by a custom-built Hybrid DVR system capable of notifying you of triggered alarms or if there is a malfunction. The system provides the ability for approved users to log into the portable surveillance system with a cell phone, laptop or compatible wireless device to access event history and manage live and recorded video.

**Extremely Fast Setup, Easy to Use.** The V4-Pro Portable Surveillance System is constructed with a Plug-N-Play design, so no tools are required. Open the system; turn the key; deploy the portable security cameras, and your operationable in moments. The touch-screen monitor allows the operator to view all devices, amplify a perspective area, manipulate the cameras, and all with no special skills required to effectively operate the system. AVP's portable surveillance system is shielded by a rugged case with a unique ventilation design, allowing a locked system to survey and record activities in the absence of supervision.

**Real-Time Portable Surveillance with advanced remote monitoring.** The portable surveillance system supports dual high-resolution monitors for separate LIVE and Playback viewing. The portable surveillance system boasts the capability of 8 to 16 wireless security cameras. We provide you with multiple built-in communications (2.4 GHz & 5.8 GHz) to allow easy integration of client preferred wireless radio systems. (Custom configurations are available.)

**Contact us today for a customized quote.**

The U.S. Military, U.S. Dept. of Homeland Security, U.S. Dept of State, NATO, and various Law Enforcement Agencies have placed their trust in AVP Security Systems.

**Once you utilize our systems in your operations, you'll see why!**

## Software Specifications

## V4-Pro Portable Surveillance System

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**User Access:** Unlimited number of users with individual passwords and tiered user privileges  
**Sensor/Relay:** Expandable up to 132 sensors and 132 relays via an E-I/O box  
**User Interface:** Type Graphical User Interface  
**Modes:** Compact and Advanced modes  
**Display Formats:** Auto scan with 1, 4, 8, 9, 13, 16 or 32 split screen for monitoring and playback  
**E-Map Specifications:** Store up to 8 maps with up to 8 angles for camera (including name), sensor and relay positions  
**Automatic Night View:** Yes  
**Digital Zoom:** Yes

### Recording Features:

**Recording Modes:** Continuous, Scheduled, Motion Detection, Sensor trigger, Alarm trigger and Smart recording  
**HDD Size Estimation Tool:** Yes - Will estimate HDD size and expected recording time based on HDD size and recording settings  
**Video Encryption / per Channel:** Yes  
**Video Shield:** Yes  
**Video Mask:** Yes  
**Recycle Recording:** Yes  
**Video Loss Detection:** Yes  
**Event Log:** Yes  
**Auto Record after Reboot:** Yes

### Playback Features:

**Advanced Video Search / Calendar Search / Motion Search:** Yes  
**Watermark Verification:** Yes  
**Playback Software on PC:** Yes  
**Playback Availability:** Playback while recording or setup. With Dual Monitors - watch playback and live video simultaneously  
**Playback Control:** Play, rewind or fast-forward footage including frame-by-frame control with real time access  
**Video Optimization:** Digitally zoom in to specific areas on the video footage  
**Export Functions:** Export single frames to BMP files or export video clips to AVI files with time and date stamp

### Search Features:

**Visual Search:** Yes  
**Search Criteria:** Search by date, time, camera, event and event logs  
**Bookmark Function:** Yes - Bookmark important footage for fast access  
**Watermark Verification:** Yes  
**Export Functions:** Export single frames to BMP files or export video clips to AVI files

### Back-up:

Back-up features Manual or schedule backup  
Backup Functions Direct burn to CD/DVD-RW

### Alarms/Sensors/Relays:

**E-map:** E-map is launched with active camera highlighted and monitoring footage displayed  
**FTP:** Still images of event footage are automatically saved to specified FTP sites  
**Phone:** Installed Voice-Fax modem calls specified phone number and plays pre-recorded message  
**Relay:** System will turn on lights, lock gates, sound an external alarm, etc.

### Alarm Trigger Notifications:

**Record** - System will start capturing video footage from different angles on multiple cameras  
**Spot Monitor** - Will automatically display E-map and event footage on spot monitor  
**Text Message** - If DVR is SMS modem enabled, then a text will be sent to specified phone number  
**CMS3000** - Event information will be automatically generated in the CMS3000 for follow-up  
**Video Intelligence** - Yes

### Remote Accessibility:

**WebViewer** - 1, 4, 8, 9, 13 or 16 split screen views with PTZ camera control for hybrid cameras  
**PDAViewer** - View video footage on a PDA in 1 or 4 split screens  
**HandyViewer/SmartViewer** - View video footage on compatible cell phones  
**CMS3000** - Control and manipulate up to 1000 DVRs remotely; Includes hybrid PTZ and E-Maps  
**Remote Console** - Remotely monitor, record or playback video footage  
**Audio:** 2-way audio communication through WebViewer, Remote Console or CMS3000  
**Pan-Tilt-Zoom:** Yes - Both IP or Analog cameras through WebViewer or CMS3000  
**Backup:** Yes  
**Dynamic DNS:** Yes  
**Connection Types:** Internet or Local LAN

### Video Quality/Enhance:

**De-Interlacing:** Yes for Static or Dynamic footage  
**Noise Reduction:** Yes  
**Image Balance:** Yes - Auto Gain Control (AGC) balance image quality  
**iEnhance Software:** Yes - optimizes recorded video footage  
**iStable Software:** Yes - smoothes video footage

### Scheduling Abilities:

**Schedulable Functions:** Record, network enable, backup, reboot, alarm and relay controls.  
Functions can be scheduled in 15 minute, 30 minute, 45 minute or 1 hour allocations increments.  
Set for a one-time event or on a weekly repeating schedule

### Other:

**Desktop Lock:** Yes - will prevent any other operation, not related to surveillance, from running  
**Attention Please:** Yes - will monitor designed to measure and track the response time of the surveillance operator  
**Virtual Keyboard:** Yes - great for touch screen operation  
**UPS support:** Yes (battery backup)  
**Upgrades:** Yes - Effortlessly perform upgrades to the unit via the internet or a Pen drive

## Hardware Specifications

## V4-Pro Portable Surveillance System

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- ☒ 8 or 16 channel system options available
- ☒ 240 or 480 frames per second recording capacity
- ☒ Capable of recording audio (8 or 16 channels of audio)
- ☒ IP and Mega-Pixel camera ready
- ☒ Full remote management for multiple system, built in web server for I.E and Window Mobile 6 devices/phones including Android, BlackBerry, and iPhone
- ☒ 19" rugged, high-impact touch-screen monitor with acoustic pulse recognition (APR) technology and a wide-screen display with resolution of 1440x900
- ☒ Industrial stainless steel flush mount keyboard with a low-profile design and industrial built-in trackball
- ☒ Hidden-internal camera (low-light operation .001 Lux) and microphone that will allow a remote user to monitor the operator of the system
- ☒ Multi-input smart power system (automatic) with an internal battery that will power the system for about 3-5 hours. External battery can be connected for extended operating time. System automatically detects input power, charges battery, and seamlessly switches between all power sources without operator intervention. External power sources include: Vac 115 or 230 volts, Vdc 12 to 30. The internal battery automatically operates as a back-up UPS in the event of an external power failure
- ☒ Intake/exhaust ventilation system for sealed and all weather operations
- ☒ 3G & 4G wireless broadband capable
- ☒ Mobile network router for IP address assignment of cameras, communications and routing of client connections
- ☒ Video Export - Export video via DVD/CD, USB Memory or other USB device, Wireless or Network Client
- ☒ Dedicated Encrypted 128/256bit communications. Dedicated for camera communications and remote clients with a laptop or other 802.11 compliant wireless device
- ☒ Built-in Wi-Fi 802.11 connection to allow the system to connect to any Wi-Fi AP connection or to allow Internet clients to control the system. (this connection can be turned off and is firewalled separate from the other system
- ☒ System can operate on both 2.4 GHZ & 5.8 GHZ frequencies
- ☒ Communications can be configured to operate independently or simultaneously on both 2.4 GHZ & 5.8 GHZ frequencies
- ☒ All wireless communication can operate invisible to any other electronic devices
- ☒ Includes a 2x LAN 1GB connection. This allows auxiliary communication to client communications equipment, such as communications or online databases
- ☒ System Dimensions: 23"L x 20"W x 11"H - Weight 69 LBS (W/Batt.)

