

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!

Hardware Specifications

V4-Pro Portable Surveillance System

- ☒ 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.)



Software Specifications

V4-Pro Portable Surveillance System

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