

MVP-5400A1-96

ViewPro 🜣

96 CH Enterprise Megapixel Linux RAID NVR





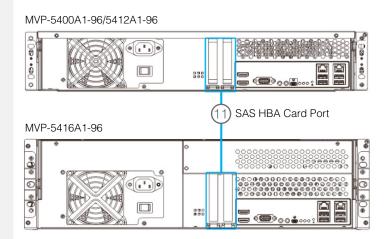
SYSTEM OVERVIEW

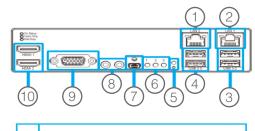
The MVP-5400A1-96 Linux RAID NVR is part of ViewPro Enterprise Series. Featuring 12/16-bay hot-swappable hard disks and RAID 1, 5, 6 data protection, the MVP-5400A1-96 supports Full HD (1080P) video recording of up to 96 channels for the video retention period from 7 to 30 days. Based on the client-server architecture, the MVP-5400A1-96 provides high I/O, large capacities, and overall system stability necessary for scalable projects. The MVP-5400A1-96 also comes with the enterprise VMS with real-time monitoring and video analytics and supports centralized management and TV wall matrix with the MicroView Control Center (MVCC). The MVP-5400A1-96 ensure excellent system reliability and easy maintenance for middle to large applications.

FEATURES

- Maximum 96 CH Megapixel Recording (Up to 5MP or Above)
- Up to 576Mbps Recording Throughput
- Support 8/12/16-bay Hot-Swappable SATA Hard Disk
- SAS JBOD and iSCSI Storage Expansion
- MVP-5400A1-96 Support 14x 2U 12-bay JBOD (total 180HDDs) or 5x 4U 60-bay JBOD (total 312HDDs)
- MVP-5400A1-96 Support 14x 3U 16-bay JBOD (total 240HDDs) or 5x 4U 60-bay JBOD (total 316HDDs)
- Enterprise Hardware RAID Function for Data Protection
- Built-in Enterprise VMS & Real-Time Video Intelligence
- Support Web-based System Maintenance Tool (ViewProOne)
- Scalable Client-Server Architecture

FUNCTIONS







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SOFTWARE SPECIFICATIONS Building and compare discovery diversity of the second point of the seco				Built-in RAID storage management
Weight is view of which is profile Opposition Weight is view of which is profile Support the which is which is profile Weight is view of which is which is profile Support the which is which is which is profile Weight is view of which is which is which is the which of the which is which of a mark Support the which is	SOFTWARE SPECIF	FICATIONS	Storage Expansion	 Recording to iSCSI/NAS
eMAP • Hage from an inclusion of the analysis of the production of the analysis	Live View	 Versatile views of various screen divisions Multiple views supported View patrolling for single or multiple views Real time video/event alarm monitoring Support 3 installation modes and 5 different fisheye dewarp display modes 		 Video privacy mask Digital zoom in, zoom out Log viewer, log export mechanism Client auto login Automatic storage recycling Client-server architecture Customized authority account management Digital watermark proofing Support DDNS function Support time synchronization with NTP c
PTZ Pan, III, and zoom operations (Buil-In PTZ control panel Public-In PTZ Public-In PTZ Pu	eMAP	Drag-n-drop camera manipulation Hierarchical and multiple layer map structure Real time event alert	General & Misc	
I/O • Organization (as leginitiant) Investigation • Support the service of bights I/O Controller Multiple Displeys • Support the service of bights I/O Controller Multiple Displeys • Support the service of bights I/O Controller Support the service of the service of bights I/O Controller Support the Suppo	PTZ	(depends on camera) • Built-in PTZ control panel • Preset position (depends on camera) • Event-driven camera patrolling		 Support Customized Event management and log mechanism Auto port mapping for internet connection Support batch setting IPCAM parameters Support Health Check function Support standby recording (Failover)
Multiple UsBplays (depends on product) Support Multiple Language on VMS including Search by der, lime, and camera Search by der, lime, and camera Englances, Korean, Persian, Polski, Portuguese, Russian, Slovak, Spanie, Turckin, Stamplifed Investigation Search by der, lime, and camera Support Multiple Language on VMS including Investigation Search by der, lime, and camera Support Multiple Language Englances, Korean, Persian, Polski, Portuguese, Russian, Slovak, Spanie, Turckin, Stamplifed Investigation Search by der, lime, and camera Support Multiple Language Investigation Investigation Search by der, lime, and camera Support Multiple Camera Russian, Slovak, Spanie, Turckin, Simplified Investigation Search by der, lime, and camera Support Multiple Language Investigation Investigation Search by der, limbiolitication on cale and bap playtack display modes Investigation Investigation Investigation Stapport Multiple Language Investigation Search by der, limbiolitication Investigation Search by der, limbiolitication Search by der, limbiolitication Search by der, limbiolitication Feelording Policy Stapport Multiple Language Search by der, limbiolitication Search by dere, limbiolitication	I/O	Support Ethernet Digital I/O Controller		cameras
• Search ver multiple cameras Supported PP4, TCP, UDP, DHCP, NTP, DDNS, SMTP, Investigation • Search via bullt-in VI analyzer FMA, TCP, UDP, DHCP, NTP, DDNS, SMTP, • Investigation • Search via bullt-in VI analyzer FMA, TCP, UDP, DHCP, NTP, DDNS, SMTP, • Investigation • Cue-in, cue-out and loop playback Styme • Outick playback by video thumbnails • Cue-in, cue-out and loop playback System Processor • Up to 16 channels synchronized playback • DDR3 16GB (up to 32GB) Operating System • Video Intelligence • Yes • Support 3 installation modes and 5 different fisheye dewarp playback display modes • Video Intelligence • Yes • Video intereording 0 adily or weekday • Support 10 installation modes and 5 different secording 1-300 seconds • Pre-alarm recording 1-300 seconds • Pre-alarm recording 1-300 seconds • Minomator Processor • Minomator Processor • Nue Support email template • Conditional recording 1-300 seconds • Frealarm recording 1-300 seconds • Minomator Processor • Previder wire nouth-the coloc kalers • Support email template • Songle PSU (S00 warts) • Previder wire sorting 1-300 seconds • Previder mode management • Conditional recording 1-300 seconds • Singeper Vince wire sorting 1-300 seconds	Multiple Displays	(depends on product) • Search by date, time, and camera • Search by VI event combinations	Language	English,Czech, Dutch, French, German, Italian, Japanese,Korean, Persian, Polski, Portuguese, Russian, Slovak, Spanish, Turkish, Simplified
Investigation Intuitive, video thumbnal search results HARDWARE SPECIFICATIONS Cue-in, oue-out and loop playback Quick playback by video thumbnalls 1/8, 1/4, 1/2, 1/x, 2/x, 4/x, 4/x, 8/g play pause, stop Intel® Xeon E3 Quad Core 3.2GHz AVI-formated video cile export Up to 16 channel synchronized playback Operating System Memory DDR3 16GB (up to 32GB) Video Intelligence Yes 2.5" HDD with Linux Embedded System Video Intelligence Yes Video Intelligence in control viso playback display modes Video Intelligence Yes Supports up to 96 channels megapixel recording (depends on product) Video Intelligence in conding on daily or weekday basis Prost alarm recording 1-300 seconds Support individual schedule recording on daily or weekday basis Support individual schedule recording on the second s		 Search over multiple cameras Different colored recording indicator on calendar 		IPv4, TCP, UDP, DHCP, NTP, DDNS, SMTP,
Investigation Cue-in, cue-out and loop playback Quick playback by video thumbnalis 1/8, 11/4, 11/2, 1x, 2x, 4x, 4x, 8x play, pause, stop A/N-formatted video clip export Up to 16 channel synchronized playback (depends on product) Support 3 installation modes and 5 different Support 3 installation modes and 5 different Support 3 installation modes and 5 different			HARDWARE SPECIFICATIONS	
• 18.1, 14, 12, 1x, 2, 1x, 2, x, 2, x, 8x, bx pause, stop • AVI-formatted video clip export • Up to 15 channel synchronized playback (depends on product) • Support installation modes and 5 different fisheye dewarp playback display modesSystem Memory • DDR3 16GB (up to 32GB)Video Intelligence• YesVideo Intelligence• YesSupport 3 installation modes and 5 different fisherye dewarp playback display modes• RU-45 Gigabit Ethernet x 2 USB 3.0 x 2 (rear)Video Intelligence• YesRecording Policy• Support 3 up 096 channels megapixel recording (depends on product) • Continuous recording along with rules • Support 1000 weekday basis • Post alarm recording 1-300 seconds • Pre-alarm recording 1-300 seconds • Support individual schedule recording • Support individual sched	Investigation	 Cue-in, cue-out and loop playback 		
Uideo Intelligence• Up to 16 channel synchronized playback (depends on product) • Support 3 installation modes and 5 different fisheye dewarp playback display modesStorage• 12/16 x 3.5" SATAII/SATAIII hard disk drivesVideo Intelligence• Yes• Nes• USB 3.0 x 2 (rear) • USB 3.0 x 2 (rear)• USB 3.0 x 2 (rear) • USB 3.0 x 2 (rear)Recording Policy• Yes• Supports up to 96 channels megapixel recording (depends on product) • Continuous recording along with rules • Exent-triven recording 1-300 seconds • Pre-alarm recording 1-300 seconds • Support Individual schedule recording • Suport Individual			System Memory	• DDR3 16GB (up to 32GB)
Kine and the series of the s			Operating System	 2.5" HDD with Linux Embedded System
Video IntelligenceVESUSB 2.0 % 2 (rear) • USB 2.0 % 2 (rea			Storage	• 12/16 x 3.5" SATAII/SATAIII hard disk drives
Supports up to 96 channels megapixel recording (depends on product) Continuous recording Seneduled recording along with rules Seneduled recording 1-300 seconds Pre-alarm recording 1-300 seconds Support individual schedule recording Support individual schedule recording Conditional recording 1-300 seconds Support individual schedule recording Conditional recording 1-300 seconds Support individual schedule recording Conditional recording/alert/notification Support and recording/alert/notification Support email templateRAIDNic. In port x1 Space SPSU (500 watts) Operating ElectricalRule ManagerConditional recording/alert/notification Sound, alarm, round-the-clock alerts Support email templateSingle PSU (500 watts) Operating EnvironmentNic. In port x1Remote ManagementRemote operation & management via VMS Client Phone clientSingle PSU (500 watts) Operating EnvironmentNic. VP-5400A1-96: 2U 19-inch rackmount with chassis ease: (H)88 00mm x (W)447.40mm x (L)524.41mm NWP-5412A1-96: 2U 19-inch rackmount with chassis ease: (H)80.00mm x (W)447.40mm x (L)524.41mm NWP-5416A1-96: 3U 19-inch rackmount with chassis ease: (H)80.00mm x (W)447.40mm x (L)524.20mm x (L)524.41mm NWP-5410A1-96: 3U 19-inch rackmount with chassis ease: (H)80.00mm x (W)447.40mm x (L)524.20mm x (L)524.20mm <br< td=""><td>Video Intelligence</td><td>Support 3 installation modes and 5 different fisheye dewarp playback display modes</td><td>I/O Interface</td><td> USB 2.0 x 2 (rear) USB 3.0 x 2 (rear) VGA x 1, HDMI x 2 (Only support single) </td></br<>	Video Intelligence	Support 3 installation modes and 5 different fisheye dewarp playback display modes	I/O Interface	 USB 2.0 x 2 (rear) USB 3.0 x 2 (rear) VGA x 1, HDMI x 2 (Only support single)
Recording PolicyEvent-driven recording along with rules Scheduled recording on daily or weekday basis Post alarm recording 1-300 seconds Support individual schedule recording Support individual schedule recording Conditional recording/alert/notification Support email templateElectricalSingle PSU (500 watts)Rule ManagerConditional recording/alert/notification Support email templateConditional recording/alert/notification Support email templateMVP-5400A1-96: 2U 19-inch rackmount with chassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mmRule ManagerRemote operation & management via VMS Client Remote ManagementMVP-5412A1-96: 2U 19-inch rackmount with chassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mmRemote ClientWeb Client · iPhone client · Android ClientWeb Client · iPhone client · ACTi, Arecont Vision, Axis, Dahua,Dynacolor, Hikvision, IQinvision, Mobotix, Panasonic, and moreWeight3rd Party IPCAMSupport ONVIF Profile S & ONVIF Scan · Mitvision, IQinvision, Mobotix, Panasonic, and moreFercification		recording (depends on product) • Continuous recording		Mic. In port x1
DescriptionDescriptionbasisPost alarm recording 1-300 seconds • Pre-alarm recording 1-300 seconds • Support individual schedule recordingRule ManagerConditional recording/alert/notification • Email, FTP, SMS, popup window, PTZ,VI 			RAID	• 0,1,5,6,10,50,60,1+Spare, 5+Spare,6+Spare
Post alarm recording 1-300 seconds • Pre-alarm recording 1-300 seconds • Support individual schedule recording • Conditional recording/alert/notification • Email, FTP, SMS, popup window, PTZ,VI Panel, Relay output notifications • Sound, alarm, round-the-clock alerts • Support email template• MVP-5400A1-96: 2U 19-inch rackmount with chassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mm • MVP-5412A1-96: 2U 19-inch rackmount with chassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mmRemote Management Remote management and control via SCC & SCC Client• MVP-5410A1-96: 2U 19-inch rackmount with chassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mmRemote Client • Neb Client • Android Client• Web Client • Mup - 5410A1-96: 2U 19-inch rackmount slide rail) • MVP-5410A1-96: 2U 19-inch rackmount slide rail)Browte Pre-alarm recording 1-300 seconds • Support email template• WeightRemote Client • Android Client • Android Client• Support ONVIF Profile S & ONVIF Scan • ACTi, Arecont Vision, Axis, Dahua,Dynacolor, Hikvision, IQinvision, Mobotix, Panasonic, and more• Certification • FCC/CE Class A	Recording Policy	J , , ,		
LED IndicatorYesRule ManagerConditional recording/alert/notification Email, FTP, SMS, popup window, PTZ,VI Panel, Relay output notifications · Sound, alarm, round-the-clock alerts · Support email templateMVP-5400A1-96: 2U 19-inch rackmount with chassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mmRemote ManagementRemote operation & management via VMS Client · Remote operation & management and control via SCC & SCC ClientDimensionsRemote Client· Web Client · IPhone client · Android Client· Web Client · Support ONVIF Profile S & ONVIF Scan · ACTi, Arecont Vision, Axis, Dahua,Dynacolor, Hikvision, IQinvision, Mobotix, Panasonic, and moreWeightStripper Client· Support ONVIF Profile S & ONVIF Scan · ACTi, Arecont Vision, Axis, Dahua,Dynacolor, Hikvision, IQinvision, Mobotix, Panasonic, and moreVertification · FC/C/E Class A		 Post alarm recording 1-300 seconds 	Environment	• Temperature: 5° to 40°C
Rule ManagerEmail, FTP, SMS, popup window, PTZ, VI Panel, Relay output notifications Sound, alarm, round-the-clock alerts Support email templateDimensionschassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mmRemote Management• Remote operation & management via VMS Client • Remote management and control via SCC & SCC Client• Dimensions• MVP-5416A1-96: 3U 19-inch rackmount with chassis ears: (H)130.00mm x (W)447.40mm x (L)524.41mmRemote Client• Remote operation & management via VMS Client • Remote management and control via SCC & SCC Client• Web Client • iPhone client • Android Client• Web Client • iPhone client • Android Client• Weight3rd Party IPCAM• Support ONVIF Profile S & ONVIF Scan • ACTi, Arecont Vision, Axis, Dahua,Dynacolor, Hikvision, IQinvision, Mobotix, Panasonic, and more• Certification • ErcC/CE Class A			LED Indicator	• Yes
Remote Management• Remote operation & management via VMS Client • Remote management and control via SCC & SCC Client• MVP-5416A1-96: 3U 19-inch rackmount with chassis ears: (H)130.00mm x (W)447.40mm x (L)524.20mmRemote Client• Web Client • iPhone client • Android Client• Weight• MVP-5400A1-96: 13.60kg/ 29.98lbs (without HDDs, without rackmount slide rail) • MVP-5412A1-96: 13.60kg/ 29.98lbs (without HDDs, without rackmount slide rail)3rd Party IPCAM• Support ONVIF Profile S & ONVIF Scan • ACTi, Arecont Vision, Axis, Dahua,Dynacolor, Hikvision, IQinvision, Mobotix, Panasonic, and moreCertificationFCC/CE Class A	Rule Manager	 Email, FTP, SMS, popup window, PTZ,VI Panel, Relay output notifications Sound, alarm, round-the-clock alerts 	Dimensions	 chassis ears: (H)88.00mm x (W)447.40mm x (L)524.41mm MVP-5412A1-96: 2U 19-inch rackmount with chassis ears: (H)88.00mm x (W)447.40mm
• Web Client • Web Client • MVP-5400A1-96: 13.60kg/ 29.98lbs • Remote Client • iPhone client • MVP-5400A1-96: 13.60kg/ 29.98lbs • Ardroid Client • MVP-5412A1-96: 13.60kg/ 29.98lbs (without HDDs, without rackmount slide rail) • Support ONVIF Profile S & ONVIF Scan • MVP-5416A1-96: 21.54kg/ 47.49lbs (without HDDs) • ACTi, Arecont Vision, Axis, Dahua,Dynacolor, Hikvision, IQinvision, Mobotix, Panasonic, and more • Certification • FCC/CE Class A	Remote Management	note Management Client • Remote management and control via SCC		 MVP-5416A1-96: 3U 19-inch rackmount with chassis ears: (H)130.00mm x (W)447.40mm x (L)524.20mm
3rd Party IPCAM • ACTi, Arecont Vision, Axis, Dahua,Dynacolor, Hikvision, IQinvision, Mobotix, Panasonic, and more (without HDDs)	Remote Client	Web ClientiPhone clientAndroid Client	Weight	(without HDDs, without rackmount slide rail) • MVP-5412A1-96: 13.60kg/ 29.98lbs (without HDDs)
and more	3rd Party IPCAM	 ACTi, Arecont Vision, Axis, Dahua, Dynacolor, Hikvision, IQinvision, Mobotix, Panasonic, 		0
				FCC/CE Class A
			Warranty	• 3 years



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MVP-5400A1-96

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VIEWPRO SPECIFICATIONS

Browser-Based System Status Monitoring

System Monitoring	 NVR/camera system status overview NVR device/network/storage real-time status monitoring Camera real-time status monitoring
Configurations	 Easy NVR/camera configuration copy Easy NVR/camera configuration backup/restore Easy camera firmware online upgrade Easy multiple cameras batch setting
Event Log	 NVR/camera real-time event log information Critical error/error/warning multi-level event classifications

ORDERING INFORMATION

Model Name	Description		
MVP-5400A1-32	32 CH, 8 Bay Megapixel H/W RAID NVR		
MVP-5400A1-48	48 CH, 8 Bay Megapixel H/W RAID NVR		
MVP-5400A1-64	64 CH, 8 Bay Megapixel H/W RAID NVR		
MVP-5412A1-16	16 CH, 12 Bay Megapixel H/W RAID NVR		
MVP-5412A1-24	24 CH, 12 Bay Megapixel H/W RAID NVR		
MVP-5412A1-32	32 CH, 12 Bay Megapixel H/W RAID NVR		
MVP-5412A1-48	48 CH, 12 Bay Megapixel H/W RAID NVR		
MVP-5412A1-64	64 CH, 12 Bay Megapixel H/W RAID NVR		
MVP-5412A1-96	96 CH, 12 Bay Megapixel H/W RAID NVR		
MVP-5416A1-16	16 CH, 16 Bay Megapixel H/W RAID NVR		
MVP-5416A1-24	24 CH, 16 Bay Megapixel H/W RAID NVR		
MVP-5416A1-32	32 CH, 16 Bay Megapixel H/W RAID NVR		
MVP-5416A1-48	48 CH, 16 Bay Megapixel H/W RAID NVR		
MVP-5416A1-64	64 CH, 16 Bay Megapixel H/W RAID NVR		
MVP-5416A1-96	96 CH, 16 Bay Megapixel H/W RAID NVR		

OPTIONAL ACCESSORIES

Part Number	Description
ZJOYSTICK-0050	CH Products, IP Desktop USB Joystick. 3 axes joysticks for P/T control, 12 HID buttons, USB 1.1 HID compliant, Easy to use & operate.
ZETHIOBOX-0030	Ethernet I/O Box, Ethernet Digital I/O Controller, Digital Input x6, Digital Output x3 (for VMS 2.4.8)
ZPOE08-0030	8 Port 10/100Mbps 120W PoE Switch
ZPOE26-0030	24 Port 10/100Mbps + 2 Port GBE Combo (UTP/SFP) 380W PoE Switch
HELH72A3200-00301	Hitachi, Enterprise, 2TB SATA HDD, 6Gb/s
HELH72A3400-00301	Hitachi, Enterprise, 4TB SATA HDD, 6Gb/s
HELH72A3600-00301	HGST Enterprise 3.5" SATA 6Gb/s HDD, 6TB, 7200RPM
HELH72A3800-00301	HGST Enterprise 3.5" SATA 6Gb/s HDD, 8TB, 7200RPM
HSLS72A3600-00301	Seagate Surveillance 3.5" SATA 6Gb/s HDD, 6TB
HSLS72A3800-00301	Seagate Surveillance 3.5" SATA 6Gb/s HDD, 8TB

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