NetSafe HVR H016/H032

Hybrid Digital Video Recorder

















About

The powerful hybrid DVR able to accept both traditional analog and IP based devices at once. It provides Netsafe DVR's strong and reliable functionality. It also supports a maximum of 16-analog and 8-IP channels. Though the network, you can monitor and control/manage the DVR anytime and any where

Specification

Video Output		Hybrid DVR	
Video Input Up to 32CHs(Analog) / Up to 8 IP CHs Up to 16CHs(Analog) / Up to 8 IP CHs Video Output 16 RCA cable (Loop) - 1 CH CCTV Out (4CH Optional) 2CH CCTV Out Display Mode 1,4,7,9,10,13,16 sequence Display speed Real-Time Live Display Recording Resolution 720x480/720x240/360x240 (NTSC) / 720X576/720X288/ 360X288 (PAL) Audio In/Out 16RCA/1RCA Alarm In/Out 16/16 Detailed Spec. 480fps/400fps (NTSC)/PAL) Recording Rate 480fps/400fps (NTSC)/PAL) Compression Type Enhanced H.264/ Depends on the connected IP devices (Video Server, IP cameras) Operating System Microsoft Window 7 Embedded Storage Built-in 500GB (Up to 6HDDs), DVD-RW Backup Interface DVD-RW,USB memory, External HDD/ODD, Network Backup Backup Format Backup Viewer(Exclusive File Format)-Export AVI, JPEG Network Connection Gigabit Etherret(10/100/100Mbps) RS232 POS/ATM or External Keyboard Controller USB USB 2.0 (480Mbps) Additional Functions Recording Mode Event-Driven (Motion, Sensor), Schedule, Instant, Intensive Recording <th>General</th> <th>HVR-H032</th> <th>HVR-H016</th>	General	HVR-H032	HVR-H016
Video Output	Video Format	NTSC/PAL	
Video Output	Video Input	Up to 32CHs(Analog) / Up to 8 IP CHs	Up to 16CHs(Analog) / Up to 8 IP CHs
1CH CCTV Out (4CH Optional) 2CH CCTV Out	Video Output	1 VGA	
Display Mode 1,4,7,9,10,13,16 sequence Display speed Real-Time Live Display Recording Resolution 720x480/720x240/360x240 (NTSC) / 720X576/720X288/ 360X288 (PAL) Audio In/Out 16/16 Alarm In/Out 16/16 Detailed Spec. Recording Rate 480fps/400fps (NTSC/PAL) Compression Type Enhanced H.264/ Depends on the connected IP devices (Video Server, IP cameras) Operating System Microsoft Window 7 Embedded Storage Built-in 500GB (Up to 6HDDs), DVD-RW Backup Interface DVD-RW,USB memory, External HDD/ODD, Network Backup Backup Format Backup Viewer(Exclusive File Format)-Export AVI, JPEG Network Connection Gigabit Ethemet(10/100/1000Mbps) RS232 POS/ATM or External Keyboard Controller USB USB 2.0 (480Mbps) Additional Functions Secording Mode Search Mode Backup ,Preview, Object, Index, Bookmark, Panorama(Optional), POS (optional) Motion Detection Motion detection Areas and Sensitivity Setting Tolerance Watchdog, External UPS (Optional) Water mark Support Tow-away Audio <t< td=""><td>16 RCA cable (Loop)</td><td>-</td></t<>		16 RCA cable (Loop)	-
Display speed Real-Time Live Display		1CH CCTV Out (4CH Optional)	2CH CCTV Out
Recording Resolution 720x480/720x240/360x240 (NTSC) / 720X576/720X288/ 360X288 (PAL) Audio In/Out 16/16 16/16 16/16 16/16 Detailed Spec. Recording Rate 480fps/400fps (NTSC/PAL) Compression Type Doperating System Microsoft Window 7 Embedded Storage Bult-in 500GB (Up to 6HDDs), DVD-RW Backup Interface DVD-RW,USB memory, External HDD/ODD, Network Backup Backup Format Backup Viewer(Exclusive File Format)-Export AVI, JPEG Network Connection Gigabit Ethernet(10/100/1000Mbps) RS232 POS/ATM or External Keyboard Controller USB USB 2.0 (480Mbps) Additional Functions Recording Mode Event-Driven (Motion,Sensor), Schedule, Instant, Intensive Recording Search Mode Backup ,Preview, Object, Index, Bookmark, Panorama(Optional), POS (optional) Water mark Support Two-away Audio Dimension & Environment Dimension & Environment Dimension & Environment Dimension (W x H x D) 440mm x 177mm x 550mm (4U)	Display Mode	1,4,7,9,10,13,16 sequence	
Audio In/Out 16/16 16/16 16/16 Detailed Spec.	Display speed	Real-Time Live Display	
Alarm In/Out 16/16 16/16 Detailed Spec. Recording Rate 480fps/400fps (NTSC/PAL) Compression Type Enhanced H.264/ Depends on the connected IP devices (Video Server, IP cameras) Operating System Microsoft Window 7 Embedded Storage Built-in 500GB (Up to 6HDDs), DVD-RW Backup Interface DVD-RW,USB memory, External HDD/ODD, Network Backup Backup Format Backup Viewer(Exclusive File Format)-Export AVI, JPEG Network Connection Gigabit Ethernet(10/100/1000Mbps) RS232 POS/ATM or External Keyboard Controller RS48/422 PTZ control or External Keyboard Controller USB USB 2.0 (480Mbps) Additional Functions Recording Mode Recording Mode Event-Driven (Motion,Sensor), Schedule, Instant, Intensive Recording Search Mode Backup ,Preview, Object, Index, Bookmark, Panorama(Optional), POS (optional) Motion Detection Motion detection Areas and Sensitivity Setting Tolerance Watchdog, External UPS (Optional) Water mark Support Two-away Audio Support Others Remote S/W,(Remote, iDVR, Emergency Agent),Backup Viewer, Image Cleaning,	Recording Resolution	720x480/720x240/360x240 (NTSC) / 720X576/720X288/ 360X288 (PAL)	
Detailed Spec. Recording Rate 480fps/400fps (NTSC/PAL) Compression Type Enhanced H.264/ Depends on the connected IP devices (Video Server, IP cameras) Operating System Microsoft Window 7 Embedded Storage Built-in 500GB (Up to 6HDDs), DVD-RW Backup Interface DVD-RW,USB memory, External HDD/ODD,Network Backup Backup Format Backup Viewer(Exclusive File Format)-Export AVI, JPEG Network Connection Gigabit Ethernet(10/100/1000Mbps) RS2322 POS/ATM or External Keyboard Controller USB USB 2.0 (480Mbps) Additional Functions USB 2.0 (480Mbps) Recording Mode Event-Driven (Motion,Sensor), Schedule, Instant, Intensive Recording Search Mode Backup ,Preview, Object, Index, Bookmark, Panorama(Optional), POS (optional) Motion Detection Motion detection Areas and Sensitivity Setting Tolerance Watchdog, External UPS (Optional) Water mark Support Two-away Audio Support Others Remote S/W,(Remote, iDVR, Emergency Agent),Backup Viewer, Image Cleaning, SYNC Dimension & Environment Dimension & Environment Dimension Temperature <td>Audio In/Out</td> <td colspan="2">16RCA/1RCA</td>	Audio In/Out	16RCA/1RCA	
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Network Connection Gigabit Ethernet(10/100/1000Mbps) RS232 POS/ATM or External Keyboard Controller RS485/422 PTZ control or External Keyboard Controller USB USB 2.0 (480Mbps) Additional Functions Recording Mode Recording Mode Event-Driven (Motion,Sensor), Schedule, Instant, Intensive Recording Search Mode Backup ,Preview, Object, Index, Bookmark, Panorama(Optional), POS (optional Motion Detection Motion detection Areas and Sensitivity Setting Tolerance Watchdog, External UPS (Optional) Water mark Support Two-away Audio Support Others Remote S/W,(Remote, iDVR, Emergency Agent), Backup Viewer, Image Cleaning, SYNC Dimension & Environment Dimension & Environment Dimension (W x H x D) 440mm x 177mm x 550mm (4U) Weight 20kg Operating Temperature 5 c ~40 c Humidity 10~80% Power Requirement 100V~240V AC	Backup Interface	DVD-RW,USB memory, External HDD/ODD,Network Backup	
RS232 POS/ATM or External Keyboard Controller RS485/422 PTZ control or External Keyboard Controller USB USB 2.0 (480Mbps) Additional Functions Recording Mode Recording Mode Event-Driven (Motion, Sensor), Schedule, Instant, Intensive Recording Search Mode Backup ,Preview, Object, Index, Bookmark, Panorama(Optional), POS (optional) Motion Detection Motion detection Areas and Sensitivity Setting Tolerance Watchdog, External UPS (Optional) Water mark Support Two-away Audio Support Others Remote S/W,(Remote, iDVR, Emergency Agent),Backup Viewer, Image Cleaning, SYNC Dimension & Environment Image Cleaning, SYNC Dimension (W x H x D) 440mm x 177mm x 550mm (4U) Weight 20kg Operating Temperature 5 c ~40 c Humidity 10~80% Power Requirement 100V~240V AC	Backup Format	Backup Viewer(Exclusive File Format)-Export AVI, JPEG	
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Motion Detection Motion detection Areas and Sensitivity Setting Tolerance Watchdog, External UPS (Optional) Water mark Support Two-away Audio Support Others Remote SW,(Remote, iDVR, Emergency Agent),Backup Viewer, Image Cleaning, SYNC Dimension & Environment Dimension (W x H x D) Weight 20kg Operating Temperature 5 c ~40 c Humidity 10~80% Power Requirement 100V~240V AC	Recording Mode	Event-Driven (Motion, Sensor), Schedule, Instant, Intensive Recording	
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Water mark Support Two-away Audio Support Others Remote S/W, (Remote, iDVR, Emergency Agent), Backup Viewer, Image Cleaning, SYNC Dimension & Environment Image Cleaning, SYNC Dimension (W x H x D) 440mm x 177mm x 550mm (4U) Weight 20kg Operating Temperature 5 ℃ ~40 ℃ Humidity 10~80% Power Requirement 100V~240V AC	Motion Detection	Motion detection Areas and Sensitivity Setting	
Two-away Audio Support Others Remote S/W,(Remote, iDVR, Emergency Agent),Backup Viewer, Image Cleaning, SYNC Dimension & Environment But a cleaning and a clean	Tolerance	Watchdog, External UPS (Optional)	
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Dimension (W x H x D) 440mm x 177mm x 550mm (4U) Weight 20kg Operating Temperature 5 ℃ ~40 ℃ Humidity 10~80% Power Requirement 100V~240V AC	Others		
Weight 20kg Operating Temperature 5 ℃ ~40 ℃ Humidity 10~80% Power Requirement 100V~240V AC	Dimension & Environment		
Operating Temperature 5 ℃ ~40 ℃ Humidity 10~80% Power Requirement 100V~240V AC	Dimension (W x H x D)	440mm x 177mm x 550mm (4U)	
Humidity 10~80% Power Requirement 100V~240V AC	Weight	20kg	
Power Requirement 100V~240V AC	Operating Temperature	5℃~40℃	
	Humidity	10~80%	
Power consumption 130W	Power Requirement	100V~240V AC	
	Power consumption	130W	

Key Feature

- Supports Analog and IP channel at once
- Supports Up to Real-time 32ch (IP 8ch)
- Pentaplex
- Intuitive User-friendly interface
- In-live Search
- 480FPS/400FPS (@CIF) Recording
- System Auto-Recovery (H/W watchdog)
- Support Numerous 3rd party devices
- Multi-scenario/ Event-driven Recording schedule
- Two-Way Audio
- Digital Signature: Prevent forging of video
- Smart Phone Viewer

Software

- Mobile Remote Viewer (iPhone, Android)
- NxMS software (CMS)

Dimension

