

V3073-32K-R

NETWORK VIDEO RECORDER

Infinova[®]



FEATURES

- Adopts professional high performance multi-media network processor and embedded Linux system, low power consumption and high stabilization
- Supports 32-ch 1080P HD network video input and storage
- Supports H.265/H.264 video format
- Supports 2-ch HDMI and 1-ch VGA output
- Incoming and outgoing bandwidth sharing totally up to 400Mbps
- Supports 4-channel 1080P video real-time decoding and synchronous playback
- Supports 8 SATA hard disk ports and each supports a hard disk with capacity up to 14TB
- Support HDD hot swap with Raid 5
- Supports seamless screen switch, no black screen or interruption during switching among pictures
- Fluency priority mode and real-time priority mode optional
- Optimizes video write-in mechanism, effectively lowering hard disk damage rate and lengthening the service life of hard disks
- Supports hard disk hibernation so as to lower its operating temperature and reduce its average working time
- Supports hard disks S.M.A.R.T intelligent detecting that will filter out hard disks under bad health conditions in advance
- Flexible hard disks management mechanism, supports hard disk group management
- Supports recording files locking to ensure that significant files should not be overwritten
- Supports system diagnosing, abnormal information may output from a U disk or serial port for quick issue resolving
- Supports ONVIF protocol and can connect to network cameras of lots of leading manufacturers
- Supports ONVIF time checking, capturing, PTZ, etc.
- Supports IPC central management and configurations and you can configure IPC resolution, data rate, frame rate, etc.
- Supports configuration files import/export, system upgrade, voice intercom
- Supports keyboard V2117/V2117X
- Supports combined search based on conditions of channels, start time and end time, video type, duration, etc.
- Supports DDNS and domain name resolution such as peanut shell
- Supports NTP bi-directional time checking
- Supports N+1 system level protection and backup

DESCRIPTION

The V3073-32KE-R embedded HD network video recorder is an HD surveillance and storage device that integrates HD video decoding technology, network technology and storage technology, supporting mainstream brand network cameras access.

The product can be widely used in professional safety and security surveillance areas of safe city, bank, smart transportation, smart building, hospital, school, community, factory etc.

TECHNICAL SPECIFICATIONS

System	
Operating System	Embedded Linux system
Image Decoding Standard	H.265/H.264
Video/Audio Input	
Network Video Input	32 channels
Channel Resolution	32 channels@1920x1080, 16 channels@2592x1520/2560x1440
Network Video Bandwidth	Incoming and outgoing bandwidth sharing totally up to 400Mbps
Network Video Access Protocols	Infinova, Hikvision, Axis, Samsung, ONVIF, etc.
Audio Input	32-ch IPC composite audio input
Video Playback	
Recording Resolution	8MP/5MP/3MP/1080P/1600x1200/720P/640x480/D1/4CIF/DCIF/2CIF/CIF/QCIF
Recording Methods	Manual, motion detection, timing and alarm
Playback	Supports 4 channels 1080P synchronous playback
Backup Modes	General, batch
Video/Audio Output	
HDMI Output	2ch, HDMI1 resolution 1920x1080P/60Hz, HDMI2 resolution 3840x2160/60Hz
VGA Output	1ch, resolution 1920x1080P/60Hz
Split Preview	1/2/4/8/9/16
Audio Output	1ch, BNC

Storage	
Type	8 × SATA ports
Max. Capacity	Each port supports an HDD of 14TB capacity
Raid	Raid 5
Port	
Voice Intercom	1ch output, BNC (linear, 600Ω)
Network Port	2 × RJ45, 10/100/1000M self-adaptive Ethernet port
USB Port	2 × USB2.0, 1 × USB3.0
Alarm I/O	8-ch input, 4-ch output
Network	
Protocol	Supports TCP/IP, UDP, DHCP, DNS, NTP, DDNS, PPPOE, FTP, UPNP, multicast, etc.
Miscellaneous	
Power	100 ~ 240 VAC, 5A, 50 ~ 60 Hz
Power Consumption	<30W (without hard disk)
Operating Temperature	23°F ~ 131°F (-5°C ~ 55°C)
Operating Humidity	10% ~ 90% (non-condensing)
Dimension (W×D×H)	17.32"x17.72"x3.54" (440mm×450mm×90mm)
Weight	≤17.64lbs (≤8Kg) (Without hard disk)
Certifications and Approval	
Product Certifications	CE, FCC, UL, BIS

ORDERING INFORMATION

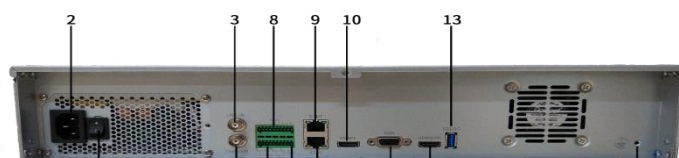
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Network video recorder, up to 32-ch video inputs, support H.265/H.264 video format, support 8HDD slots, w/o HDDs

PANEL VIEW



- 1. USB2.0 port
- 2. HDD indicator lamp
- 3. Power on/off button
- 4. Alarm indicator lamp
- 5. Network 1 status indicator lamp
- 6. Running status indicator lamp
- 7. Network 2 status indicator lamp



- 1. Power switch
- 2. Power Supply
- 3. Line In
- 4. Line Out
- 5. Alarm out
- 6. RS-485 (NC)
- 7. LAN2
- 8. Alarm In
- 9. LAN1
- 10. HDMI1
- 11. VGA
- 12. HDMI2
- 13. USB 3.0
- 14. GND