

# V3072-32KE Series

## Network Video Recorder

**Infinova**<sup>®</sup>  
The Integrator's Manufacturer



- Adopts professional high performance multi-media network processor and embedded Linux system, low power consumption and high stabilization
- Supports 32-channel 720P or 25-channel 1080P high definition network video input and storage
- Supports simultaneous HDMI and VGA output, with a resolution both up to 1920×1080P/60Hz
- Supports 256Mbps bandwidth throughput handling
- 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 4TB
- 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 and redundant backup
- 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, motion detection, etc.
- Supports configuration files import/export, system upgrade, voice intercom and the like
- Supports keyboard V2117/V2117X
- Supports combined search based on conditions of channels, start time and end time, video type, duration, etc.
- Dual gigabit network card, supports network tolerance, load balance, double network IP settings
- Supports DDNS and domain name resolution such as peanut shell
- Supports multi-casting
- Supports NTP bi-directional time checking

The V3072-32KE series embedded HD network video recorder is an HD surveillance and storage device that integrates HD image 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.264

### Video/Audio Input

Network Video Input	32 channels
Network Video Bandwidth	256Mbps (access, transmission and storage)
Network Video Access Protocols	Infinova, Hikvision, Axis, Samsung, ONVIF, etc.
Audio Input	32-ch IPC composite audio input

### Video Playback

Recording Resolution	5MP/3MP/1080P/1600×1200/720P/640×480/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	1 ch, resolution 1920×1080P/60Hz
VGA Output	1 ch, resolution 1920×1080P/60Hz
CVBS Output	1 ch, BNC port
Split Preview	1/4/8/9/16
Audio Output	1 ch, BNC port

### Storage

Type	8 * SATA ports
Max. Capacity	Each port supports an HDD of 4TB capacity

### Port

Voice Input	Intercom	1 ch, BNC port
Network Port		2 * RJ45, 10/100/1000M self-adaptive Ethernet port
USB Port		2 * USB2.0, 1 * USB3.0
eSATA Port		1pc
Alarm I/O		16-ch input, 8-ch output

### Network

Protocol	Supports TCP/IP, UDP, DHCP, DNS, NTP, DDNS, PPPOE, FTP, UPNP, multicast, etc.
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### Miscellaneous

Power		100~240VAC, 50 ~ 60Hz self-adaptive
Power Consumption (no HDD included)	(no HDD included)	<20W
Operating Temperature		23°F ~ 131°F (-5°C ~ 55°C)
Operating Humidity		10% ~ 90% (non-condensing)
Dimension (W×D×H)		17.32"×17.72"×3.54" (440mm×450mm×90mm)
Weight (no HDD included)		≤18.74lbs (≤8.5Kg)

### Certifications and Approval

Product Certifications	RoHS
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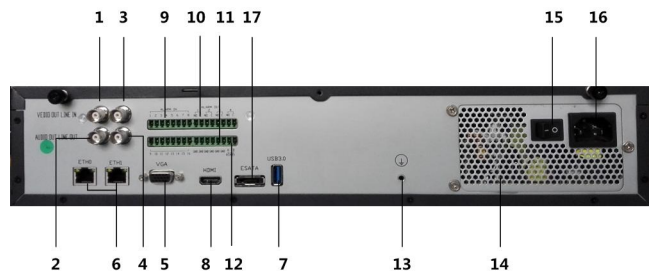
## Panel view

Front panel view



1. Power switch
2. USB ports (2pc)
3. Power indicator lamp
4. Running status indicator lamp
5. HDD indicator lamp
6. Network status indicator lamp
7. Alarm indicator lamp

Rear panel view



1. Video output
2. Audio output
3. Voice intercom
4. Intercom output
5. VGA port
6. Network port (RJ45)
7. USB port
8. HDMI port
9. Alarm input
10. Alarm output
11. Alarm ground
12. RS485 port
13. GND
14. Power fan
15. Power switch
16. Power port
17. ESATA port

## Ordering information

V3072-32KE Network video recorder, supports up to 32-ch network video access, inbuilt up to 8 storage disks

### HDD ordering information

V3091 series SATA HDD—surveillance level

V3091-2000-S3 SATA 6Gb/s port HDD, 2TB, 64MB buffer

V3091-3000-S3 SATA 6Gb/s port HDD, 3TB, 64MB buffer

V3091-4000-S SATA 6Gb/s port HDD, 4TB, 64MB buffer, with a RV sensor