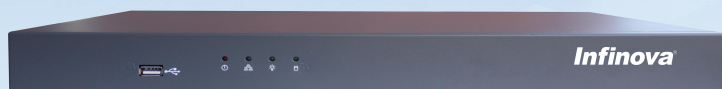# V3072-08K02E Series

Network Video Recorder

Infinova®
The Integrator's Manufacturer

- Adopts professional high performance multi-media network processor and embedded Linux system, low power consumption and high stabilization
- Supports 8ch 1080P network video input and storage
- Supports simultaneous HDMI and VGA output, with a resolution both up to 1920×1080P/60Hz
- Supports 128Mbps incoming bandwidth
- Supports 4-channel 1080P video real-time decoding and synchronous playback
- Supports 2 SATA hard disk ports and each supports a hard disk with capacity up to 6TB
- 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 recording files locking to ensure that significant files should not be overwritten

- Supports ONVIF protocol and can connect to network cameras of lots of leading manufacturers
- Supports ONVIF time checking, capturing, PTZ, etc.
- Supports system diagnosing, abnormal information may output from a U disk or serial port for quick issue resolving
- 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.
- Supports DDNS and domain name resolution such as peanut shell
- Supports multi-casting
- Supports NTP bi-directional time checking

The V3072-08K02E 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.

Technical specifications

System

Operating System	Embedded Linux system
Image Decoding Standard	H.264

Video/Audio Input

Network Video Input	8 channels
Network Video Bandwidth	Up to 128Mbps Incoming Bandwidth
Network Video Access Protocols	Infinova, Hikvision, Axis, Samsung, ONVIF, etc.
Audio Input	8ch 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	1ch, resolution 1920×1080P/60Hz
VGA Output	1ch, resolution 1920×1080P/60Hz
Split Preview	1/4/8
Audio Output	1ch, 3.5 RCA

Storage

Type	2 * SATA ports
Max. Capacity	Each port supports an HDD of 6TB capacity

Port

Voice Intercom Input	1ch, 3.5 RCA
Network Port	1 * RJ45，10/100/1000M self-adaptive Ethernet port
USB Port	1 * USB2.0, 1 * USB3.0
Alarm I/O	4-ch input, 2-ch output

Network

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

Miscellaneous

Power	DC12V±10%
Power Consumption (without hard disk)	<15W
Operating Temperature	23°F ~ 131°F (-5°C ~ 55°C）
Operating Humidity	10% ~ 90% (non-condensing)
Dimension (W×D×H)	17.32"×11.02"×1.77"(440mm×280mm×45mm)
Weight (without hard disk)	≤8.83lbs (≤4Kg)

Certifications and Approval

Product Certifications	CE-LVD, CE-EMC, FCC, RoHS

Panel view

Front panel view

Rear panel view

1. USB2.0 port
2. Power indicator lamp
3. Network status indicator lamp
4. Running status indicator lamp
5. HDD indicator lamp

1. Power switch   2. Power port (12VDC)   3. GND   4. GND
5. RS485 (reserved)   6. Alarm output   7. Alarm input   8. USB3.0 port
9. HDMI port   10. VGA port   11. Intercom output   12. Audio input
13. Network port (RJ45)   14. GND

Ordering information

* Only to be sold in India and ME markets.

V3072-08K02E   Network video recorder, 8ch video inputs, support 2HDD slots, w/o HDDs

HDD ordering information

V3091 series SATA HDD—surveillance level

V3091-2000-S3   2TB, 3.5 inch, 5900rpm, 64MB cache, SATA

V3091-3000-S3   3TB, 3.5 inch, 5900rpm, 64MB cache, SATA

V3091-4000-S   4TB, 3.5 inch, 5900rpm, 64MB cache, SATA

V3091-6001-S3   6TB, 3.5 inch, 5900rpm, 256MB cache, SATA