

High Resolution, Mini Network DVR with 4 Channel, H.264 all CIF at 25/30 fps



ORDERING INFORMATION

Digital Video Recorders, SATA, 1CIF, with Video & Audio Inputs,
Includes Remote Client Software

V3034	Embedded Mini Network Digital Video Recorder, 4 Ch. (4V + 1A) No Hard Disks
V3034-320	Embedded Mini Network Digital Video Recorder, 4 Ch. (4V + 1A); 320 GB
V3034-500	Embedded Mini Network Digital Video Recorder, 4 Ch. (4V + 1A); 500 GB
V3034-750	Embedded Mini Network Digital Video Recorder, 4 Ch. (4V + 1A); 750 GB
V3034-1000	Embedded Mini Network Digital Video Recorder, 4 Ch. (4V + 1A); 1000 GB

* Without hard disk or DVD writer; order hard disk and
DVD writer separately.

* At most one SATA hard disk can be equipped for one recorder.

Hard Drive Information

V3091-320-S	SATA hard drive, 320 GB
V3091-500-S	SATA hard drive, 500 GB
V3091-750-S	SATA hard drive, 750 GB
V3091-1000-S	SATA hard drive, 1000 GB

* V3091 supports HD with capacity of 320 GB, 500 GB, 750 GB.
And 1000GB

DESCRIPTION

Infinova's V3034 series embedded mini network digital video recorder utilizes the embedded Linux operation system and the latest IT DaVinci DSP chip, possessing both the functions of a DVR and DVS. The V3034 series embedded mini network digital video recorder features 4 Ch video inputs and CIF format real-time encoding, with 1 Ch VGA output. This series digital video recorder supports dual code stream, capable of performing real-time synchronizing decoding, real-time network transmission, remote file playback and download towards video signal and audio signal.

The V3034 series embedded mini digital video recorder can not only work independently in a local site, but also work with other security products to build a powerful network system to accomplish remote control.

FEATURES

- Embedded Linux operation system
- DaVinci DSP hardware encoding
- 4 Ch all CIF encoding format
- H.264 video encoding technology
- Real-time frame rate reaching 25/30fps (PAL/NTSC)
- Privacy masks
- Multi-area motion detection
- Video shielding alarm
- Signal loss alarm
- Character overlapping configuration
- Constant frame rate and adjustable frame rate
- Support dual code stream, and subcode stream supports CIF/QCIF encoding format
- FAT32 file system
- Quadruplex functions-manual records, timing records, motion detect records, alarm input records
- USB flash, hardware backup, and USB CD/DVD backup
- Support video preview and playback, searching, playback and downloading from remote recording files
- Embedded TCP, UTP, RTP, DHCP and other network protocols supporting multi-play function
- PPPoE dial in function
- Remote parameter setting and PTZ control function
- Network bi-directional intercommunication
- Remote DVR software upgrade
- Multi-level users management
- IE browse and control
- 1 SATA HD port

SPECIFICATIONS

Video

Video Encoding:	H.264
Video Input:	4 Ch BNC (1.0 Vp-p, 75Ω)
Video Output:	2 Ch BNC (1.0 Vp-p, 75Ω) 1 Ch VGA (800 x 600 / 60 Hz, 1024 x 768 / 60 Hz, 1280x1024 / 60 Hz)
Format Supported:	PAL, NTSC
Preview Resolution:	PAL: CIF (352 x 288) NTSC: CIF (352 x 240)
Encoding Resolution:	PAL: CIF (352 x 288), QCIF (176 x 144) NTSC: CIF (352 x 240), QCIF (176 x 120)
Maximum Frame Rate:	PAL 25 fps, NTSC 30 fps
Output Code Rate:	32 Kbps ~ 2 Mbps

Audio

Audio Encoding:	OggVorbis, 16 Kbps
Audio Input:	1 Ch RCA (2.0 Vp-p, 1000Ω)
Audio Output:	1 Ch RCA (Linear, 600Ω)

Port

Network Port:	1 10M/100M self-adaptive Ethernet port, RJ45
Alarm:	4 alarm output; 1 alarm input
PTZ Control:	T+, T-, R+, R-
USB Port:	1 USB 2.0 port, supporting USB flash, HD and DVD writer

Storage

Built-in (Order separately):	3.5" HD, supports 1000 GB capacity for each hard disk
HD Port:	1 SATA port
Backup:	External USB storage device for backup

Recording

Recording modes:	7 (Manually, Scheduled, Alarm, Motion detection, Motion detection & Alarm, Motion detection/Alarm, command trigger)
Image Encryption:	Watermark technology

Network

Protocol:	TCP, UTP, RTP, DHCP, PPPoE, etc
Other:	Support broad band dial-in

Operation

Operating System:	VxWorks
Users:	Two management levels of user

Electrical

Input Voltage:	12 VDC
Power Consumption:	<10 W (no HD)

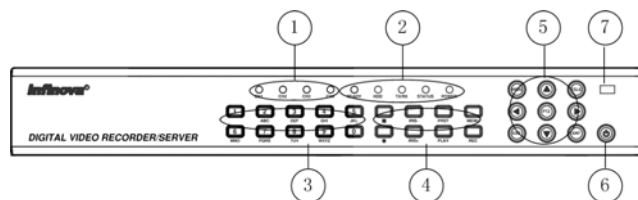
Mechanical

Chassis Dimension(H×W×D):	1.73"×12.60"×10.71" (44mm×320mm×272mm)
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Environmental

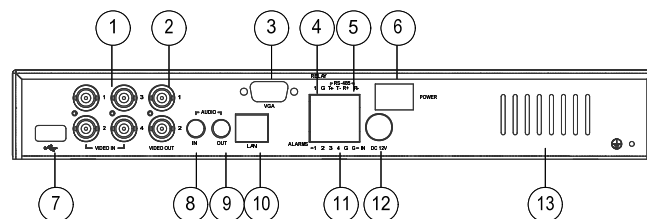
Temperature:	14°F~122°F (-10°C~50°C)
Humidity:	10%~90% RH, (non-condensing)

FRONT PANEL VIEW



1. Channel indicate light
2. System indicate light
3. Number input and assist function
4. System control
5. PTZ control
6. Power button
7. Infrared port

REAR PANEL VIEW



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|------------------|----------------------------|
| 1. Video inputs | 9. Audio outputs |
| 2. Video outputs | 10. 10M/100M Ethernet port |
| 3. VGA interface | 11. Alarm inputs |
| 4. Alarm outputs | 12. Power supply |
| 5. RS-485 port | 13. Fan |
| 6. Power switch | |
| 7. USB interface | |
| 8. Audio inputs | |

TYPICAL SYSTEM CONNECTIONS

