

## VioStor-101

VioStor-101 is the world's most affordable and reliable remote monitoring and recording NVR (Network Video Recorder) for Panasonic, Axis, Canon, Vivotek IP cameras under Linux, RISC CPU, and embedded architecture. With this architecture, VioStor-101 is high performance, embedded solution differs from all the complex and error-prone traditional PC-based recording solutions, VioStor-101 supports 4-channel M-JPEG or MPEG4 recording and 1 high-speed SATA hard disk up to 1 TB for Long-time recording!



### Key Benefits of VioStor-101

- Exclusive Linux + RISC CPU + Embedded System, Ultra-stable and Reliable Recording Solution (PC-less recording)
- Real-time Monitoring/ Recording of Video and Audio from Versatile Network Cameras.
- Best Centralized Multi-channel Monitoring with "Click-to-Go" PTZ Control and Selective Display Mode.
- Most Complete Recording Features: Schedule Recording, Alarm Recording, Alarm Recording Schedule, Motion-detection-triggered Recording, Pre-alarm and Post-alarm Recordings, etc.
- Ultra High-volume Support up to 1TB for Long-time recording
- Powerful Remote Management: Access and Playback Your Recordings through Web browser, FTP, and Network Neighborhood Anytime, Anywhere under the Most Secure Authority Control.
- Unique Online User List Function and Host Access Authority control.
- Effort-free Maintenance: Ultra-stable, Continuous Recording with the Most Intelligent Recording Policy.
- VioStor's Setup Procedure Can be Completed in Just 6 Steps!!!
- One-Touch Video Backup Button Provides an Extremely Easy Way to Retrieve Recordings of Definable Period.
- Easy-to-Deploy, Small Footprint, and Extra Power-saving at only 14.4W!!! (PC-based is around 250W~300 W!)
- Support UPS (Uninterruptible Power Supply) system for 24×7 service.

### Software specification

<b>Video</b>	
Display Mode	1, 4, Picture in Picture ,Sequential mode
Recording Cameras Number	Up to 4
Network Camera Support	Panasonic BB and BL Series PTZ camera/ Canon VB-series/ Axis IP camera & video server / Vivotek IP camera & video server More brands and series will be supported in the future
Compression Format	Motion JPEG MPEG 4 (depend on IP Camera)
Video Setting	Resolution, Quality, Frame Rate
E-map	Upload E-map
<b>Recording</b>	
Recording Mode	Continuous , Manual, Schedule , Alarm , Motion, Snapshot
Buffer Storage for Alarm Images (before and post events)	Pre-recording :300 Seconds / Post -recording :300 Seconds (Total 600 Seconds/ 10 Minutes)
Recording Performance	Up to 120 frames at QVGA (320x240) or CIF (352x240 in NTSC, 352x 288 in PAL)/Up to 40 frames at VGA (640x480) * Real performance may varies in different environment
File format	AVI (Recordings can be played by Windows Media Player)
<b>Playback</b>	
Playback Mode	Play , Pause , Stop , Fast forwards , Full screen display
Video Search	Search by Date , Time
Video Player	Immediately playback by default video player
Download	Click to download recorded files from Web-Page
<b>Storage</b>	
Disk Mode	Single , Raid 0 , Raid 1 , JBOD/ Linear (RAID is enabled via Qback-35 box with preference hard disk)
Capacity	Support 1 x 3.5" SATA I/II HDD, up to 1 TB or above, expandable to 2 TB through QBack-35 with preference hard disk
Services	Web File Manager , FTP , SMB/CIFS
<b>Network</b>	
Support	HTTP , TCP/IP , SMTP, DHCP, Static IP, DNS, DDNS, FTP, NTP, UPnP
Camera IP address & Port	Allow setting LAN/WAN IP address of each camera
<b>Utility Software</b>	
QNAP Finder	Discovery and quick setup
<b>Security</b>	
Operation system	Linux embedded, free from PC crash and virus attack
User Management	The right to monitor and playback each camera can be separately defined for each individual user ( up to 32 users)
On-line Users List	Record of users currently logged on and previously logged on to the NVR
Host Access Control	Specify the connections to be allowed and denied to access NVR.
Alert Notification	E-mail , Buzzer, Event log
UPS	Support APC (USB type of UPS )
Event Log	Detailed record of all events
<b>Client PC Requirement</b> (Suggested system requirement for better video performance)	
CPU	Pentium 4 CPU 2 GHz or higher
Memory	512 MB or above
Operation system	Windows XP or later
Browser	Internet Explorer 6.0 or later
Network interface	10/100 Mbps or above
View Resolution	Suggest 1024 X 768 pixel or above
<b>Language Support</b>	
English / Japanese/ French / Italian / German /Spanish/ Simplified Chinese / Traditional Chinese	
<b>Certification</b>	
CE , FCC , VCCI ,BSMI	

### Hardware specification

HDD	Support 1 x 3.5" SATA I/II HDD, up to 1 TB or above, expandable to 2 TB through QBack-35 with preference hard disk (the standard system is shipping without HDD)
LAN Ports	1 x Gigabit RJ-45 Ethernet port
LED Indicator	Power, USB, status, LAN, hard disk
USB	3 x USB ; For USB storage device for One Touch Auto-Video Backup and UPS device
Button	USB Auto-Video Backup Button , Power Button , Reset Button
Form Factor	Portable desktop
Dimensions	210(D) x 60(W) x 182 (H) mm
Color Box Shipping Weight	2.5Kg (Without HDD)
Operation Enviroment	Temperature: 0~35°C Humidity: 0%~85% R.H
Power Supply	External power adapter, 36W, 100~240V
Energy saving Design	Low power consumption( only 14.4W) & low noise
Thermal solution	Heat dissipation by aluminum case
Secure Design	K-Lock Security Slot for Theft Prevention Power cord hook for kicking-off prevention

## VioStor-201 Network Video Recorder

### Outstanding Product features

VioStor-201 is the world's most affordable and reliable remote monitoring and recording NVR (Network Video Recorder) for Panasonic, Axis, Canon, Vivotek IP cameras under Linux, RISC CPU, and embedded architecture. With this architecture, VioStor-201 is high performance, embedded solution differs from all the complex and error-prone traditional PC-based recording solutions, VioStor-201 supports 8-channel M-JPEG or MPEG4 recording and 2 high-speed SATA hard disk up to 2 TB for Long-time recording!



#### Key Benefits of VioStor-201

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- Most Complete Recording Features: Schedule Recording, Alarm Recording, Alarm Recording Schedule, Motion-detection-triggered Recording, Pre-alarm and Post-alarm Recordings, etc.
- Ultra High-volume Support up to 2TB for Long-time recording
- Powerful Remote Management: Access and Playback Your Recordings through Web browser, FTP, and Network Neighborhood Anytime, Anywhere under the Most Secure Authority Control.
- Unique Online User List Function and Host Access Authority control.
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- Easy-to-Deploy, Small Footprint, and Extra Power-saving at only 14.4W!!! (PC-based is around 250W~300 W!)
- Support UPS (Uninterruptible Power Supply) system for 24x7 service.

#### Software specification

Video	
Display Mode	1, 4, 8, Picture in Picture ,Sequential mode
Recording Cameras Number	Up to 8
Network Camera Support	Panasonic BB and BL Series PTZ camera/ Canon VB-series/ Axis IP camera & video server / Vivotek IP camera & video server More brands and series will be supported in the future * For the information of supported camera models, please visit QNAP website, www.qnap.com
Compression Format	Motion JPEG MPEG 4 (depend on IP Camera)
Video Setting	Resolution, Quality, Frame Rate
E-map	Upload E-map
Recording	
Recording Mode	Continuous , Manual, Schedule , Alarm , Motion, Snapshot
Buffer Storage for Alarm Images (before and post events)	Pre-recording :300 Seconds / Post-recording :300 Seconds (Total 600 Seconds/ 10 Minutes)
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Disk Mode	Single , Raid 0 , Raid 1 , JBOD/ Linear
Capacity	Support 2 x 3.5" SATA I/II HDD, Up to 2TB
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Support	HTTP , TCP/IP , SMTP, DHCP, Static IP, DNS, DDNS, FTP, NTP, UPnP
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Form Factor	Desktop
Dimensions	214(D) x 175(W) x 115 (H) mm
Color Box Shipping Weight	3.5 Kg (Without HDD)
Operation Environment	Temperature: 0~40°C Humidity: 0%~90% R.H
Power Supply	External power adapter, 60W, 100~240V
Energy saving Design	HDD Sleep mode Low power consumption & low noise
Thermal solution	Noiseless Fan Case
Secure Design	K-Lock Security Slot for Theft Prevention

\* Designs and specifications are subject to change without notice.