QNAP SECURITY

VS-5020/5012 UioStor NVR

Network Surveillance System for SMB and Enterprise
QNAP Network Video Recorder for IP Cameras

Live Monitoring, Recording, and Video Playback over the Internet Anytime, Anywhere

Secure Life, Secure Property

Intelligent Video Analytics
- Motion Detection
- Foreign Object
- Missing Object
- Out of Focus
- Camera Occlusion

Environment Friendly
- Quiet
- Power-saving

Powerful All-in-one Recording Functions
- Continuous/ manual/ schedule recording
- Alarm recording (by motion detection or sensor triggered)
- Multiple alarm recording schedules
- High performance megapixel recording
- High quality H.264, MxPEG, MPEG-4, and M-JPEG recording
- Audio recording (vary by camera models)

Powerful Surveillance Features
- Diversified modes for live monitoring
- Smart control of PTZ cameras and auto cruising
- Event notification on monitoring
- Real-time SMS and email alert
- Multi-channel playback at different speed
- Easy data search by date & time, timeline, event, and intelligent video analytics (motion detection, foreign object, missing object, out of focus, and camera occlusion)
- Enhanced file security by digital watermark

Easy to Use
- Trouble-free 6-step installation
- Intuitive web-based user interface
- Smart search of IP cameras for quick settings
- Drag and drop function on monitoring
- Touch-N-Go PC-less RAID setup via the LCD panel

High Reliability and Smart Features
- Intel 1.6GHz CPU and 1GB DDRII memory for superior system performance
- Advanced RAID (RAID 0/ 1/ 5/ 5+Hot spare/ 6/ 6+Hot spare/ JBOD) with hot-swap design
- Ultra large storage capacity (up to 10TB) for long-term recording
- Intelligent auto power on when power resumes after power outage
- Supports UPS for 24x7 service
- Two Gigabit LAN ports for failover, load-balancing, or multi-IP setting

Linux Embedded | MJPEG MPEG4 MxPEG H.264 | Intelligent Video Analytics | SMS Support | Watermark Support | Dual Display | Hot Swappable | Dual Gigabit Ethernet | RAID 0/1/5/5+Spare 6/6+Spare/JBOD | Mega pixel

MOTION DETECTION | TIME STAMP | LCD Configuration | Online RAID expansion | Online RAID migration | Failover | Load Balancing | HDD S.M.A.R.T. | SATA I/II | UPS Support

Real-time monitoring over the Internet anytime, anywhere !

High Performance Network Surveillance System for SMB and Enterprise

The VS-5020 and VS-5012 are the professional standalone network video surveillance systems designed to meet the high security demand of the SMB and enterprises. The VioStor NVR is a Linux-embedded system which supports H.264, MxPEG, MPEG-4, and M-JPEG recording, megapixel recording and up to 10TB for long-term recording from **AXIS**, **ACTi**, **Arecont Vision**, **AVTECH, Canon**, **D-Link**, **EDIMAX**, **ELMO**, **EtroVision**, **GANZ**, **Hikvision, iPUX, IQeye**, **LevelOne**, **Messoa**, **MOBOTIX, Panasonic BB/ BL/ i-Pro**, **SANYO**, **SONY**, **TOSHIBA**, **TRENDnet**, **VIVOTEK**, and **Y-CAM.** IP-based security cameras.

The VioStor NVR addresses many of the shortcomings of traditional analog surveillance system and PC-based monitoring solutions which are expensive to install and maintain, and lack of remote management mechanism. As a standalone system, the VioStor NVR is highly stable, easy to use, less vulnerable to virus attack, and power-saving. Also, no extra software utility is ever required. The VioStor NVR can be easily set up in an Ethernet-ready environment without any complicated wiring.

The VioStor NVR features versatile recording functions, e.g. schedule recording, alarm recording, alarm recording schedule. In live monitoring, unique multi-server monitoring, variety display modes, easy drag and drop function, smart control of PTZ cameras, digital zoom, real-time snapshot, and E-map are supported. The NVR also offers **video search by intelligent video analytics (IVA), including motion detection, foreign object, missing object, out of focus, and camera occlusion.** Other powerful functions include multi-channel playback at different speed, easy data search by date & time and alarm event, etc. All these functions can be performed through the web-based GUI by the IE browser.

The VioStor NVR enables secure recording data protection with advanced RAID, Online RAID Capacity Expansion, and Online RAID Level Migration. Moreover, dual Gigabit LAN ports are provided for network failover, load-balancing, and standalone configurations for efficient data transfer over the network. You can set up the surveillance system in a few minutes by the LCD panel or 6-step web-based installation. The VioStor NVR is a perfect video surveillance application for community, parking lot, retails stores, malls, banks, hospitals, offices, and factories, etc.

Powerful Surveillance Features

• Diversified Monitoring Modes
- 1/ 4/ 6/ 8/ 9/ 10/ 12/ 16/ 20/ 25/ 36/ 42-channel display mode
- Sequential display mode
- Exclusive Picture-in-Picture mode
- Dual display mode

Dual Display

• Easy Drag and Drop Function on Monitoring
The VioStor NVR supports drag and drop function to change the display order of the monitoring channels.

• Smart Control of PTZ & Speed Dome Cameras
You can adjust the PTZ cameras directly by the web user interface.

• Preset Position Control and Auto Cruising
You can view different preset positions of the IP cameras by clicking the number buttons on the monitoring page. You can also configure auto cruising settings on the VioStor NVR for periodic monitoring of the preset positions of the PTZ cameras.

• Digital Zoom for Monitoring and Playback
The VioStor NVR supports digital zoom for more flexible monitoring and playback.

• Event Notification
When alarm recording is enabled and an event occurs, you can click the alarm icon on monitoring page to view the alert details.
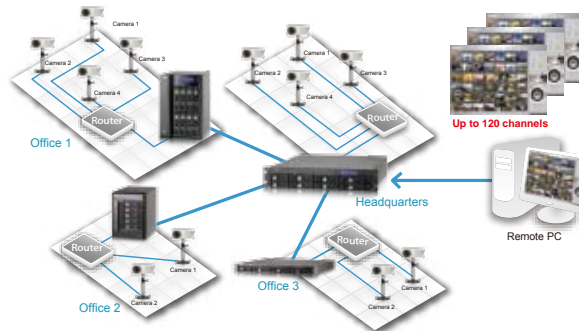
• Video Snapshot
The snapshot function is supported on monitoring and playback page.

• E-map for Easy Preview of the Camera Location
You can upload the pictures of the monitoring location.

• Multi-server Monitoring
You can connect to the VioStor NVR and add other QNAP NVR servers to monitor up to 120 channels over LAN or WAN.

• All-in-one Recording Functions
- Continuous/ schedule/ manual recording
- Alarm recording/ multiple alarm recording schedules
- High quality H.264, MxPEG, MPEG-4, and M-JPEG recording
- Up to 30 fps at D1 or VGA for each camera
- High performance megapixel recording
- Audio recording (depends on the cameras)
  * Up to 15 schedules are supported for each camera

• Generic IP Cameras Support
QNAP NVR provides an interface for you to enter the JPEG CGI command of IP cameras in order to monitor, record, and playback the video of the IP cameras on the NVR.

• Real-time SMS and Email Alert
The NVR sends SMS and e-mail alert to the administrator immediately in case of system error or emergent events.

• Authority Management
You can configure the monitoring and playback authority of specified cameras for up to 32 users.

• On-line User List and Host Access Control
You can specify the connections to be allowed and denied to access the VioStor NVR. You can also view the record of users currently logged on and previously logged on to the VioStor NVR.

• Schedule Remote Replication
The VioStor NVR supports schedule remote replication for secure data backup to a remote NAS in the local network.

• Advanced Event Logs
The VioStor NVR provides detailed event logs of system warning, hard disk error, network disconnection, UPS status, users' networking services, and recordings access record.

• Multi-channel Playback at Different Speed
The VioStor NVR provides Express Quad View Playback that you can either divide the selected time equally into four playback views or play the video of four cameras at the same time.

• Enhanced File Security by Digital Watermark
The digital watermark technology allows you to check if the exported videos and snapshots of VioStor NVR are modified to enhance the file security.

• Data Search by Date & Time, Timeline, Event and Intelligent Video Analytics (IVA)
The VioStor NVR supports quick search of recording data by date and time, timeline, and events, and intelligent video analytics, including **motion detection, foreign object, missing object, out of focus, and camera occlusion.**

Motion Detection:
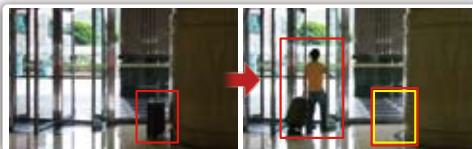The moving objects of the searching area are highlighted in red brackets.

Foreign Object:
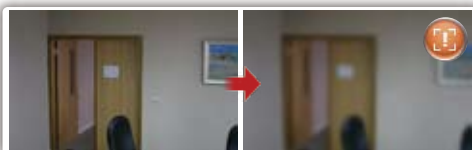The foreign objects of the searching area are highlighted in yellow brackets.

Missing Object:
The missing objects of the searching area are highlighted in yellow brackets.
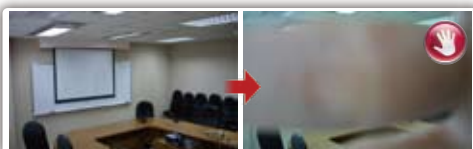

Out of Focus:
Detects if the IP camera is out of focus.

Camera Occlusion:
Detects if the IP camera is obstructed.

High Reliability and Smart Features

• Advanced RAID (0/ 1/ 5/ 6/ JBOD) with Hot-swap Design

• Online RAID Capacity Expansion and Online RAID Level Migration
  • **Online RAID Capacity Expansion**
  The storage capacity of a RAID configuration can be expanded by replacing the hard drives with larger ones.
  • **Online RAID Level Migration**
  You can upgrade the disk configuration to higher RAID level with the data retained. There is no need to turn off the server during the process.

• Auto Logoff
The administrator can set the timeout period to log off the users when the idling time has reached in order to enhance secure management of the NVR.

• S.M.A.R.T. & Advanced HDD Health Scanning (HHS)

• Intelligent Automatic System Startup when Power Resumes after Power Outage

• Support UPS for 24x7 Service

• Convenient Video Backup to External USB Storage by One Touch Auto Video Backup Button

• DOM Architecture with Embedded Fail-safe Dual OS for Enhanced Reliability

Excellent Hardware Design

• Intel® 1.6GHz CPU and 1GB DDRII Memory for Superior System Performance

• Green NVR Solution: Linux-embedded System with Low Power Consumption

Low Power Consumption
Power Consumption
QNAP VS-5020/5012 VioStor NVR Write/Read (Single)	57. 69 ~ 60. 01W
QNAP VS-5020/5012 VioStor NVR Write/Read (RAID5)	71. 54 ~ 76. 39W
PC-based NVR solution Write/Read	350W

• Touch-N-Go PC-less Installation by LCD Display
The handy LCD display on the VioStor NVR provides a speedy and easy approach to initialize the NVR and set up the RAID configuration without using any computer. You can use the handy LCD to finish the first time installation in 3 simple steps.

• Up to 10TB Storage Capacity for Long-term Recording

• Lockable HDD Tray

• Two Gigabit LAN Ports for Failover, Load-balancing, or Multi-IP Setting
  • **Failover**
  Failover allows the VioStor NVR to sustain the failure of one network port to provide continuous services.
  • **Load-balancing**
  Bandwidth aggregation is supported to boost the file transfer speed (works with managed Ethernet switch with 802.3ad configured).
  • **Multi-IP Setting**
  The VioStor NVR can be deployed with two different IP settings for sharing among different workgroups in two different subnets.

Supports access of multiple IP from different LAN areas

Powerful Network Services

• DDNS Support & Built-in NTP Server

• Convenient Data Access by Network Neighborhood (SMB/ CIFS) / Web File Management (HTTP) / FTP server

Application: Live Monitoring, Recording, and Video Playback over the Internet Anytime, Anywhere

• Business Service
• Live production line monitoring for quality and security control
• Department store/ mall monitoring
• Shipping process recording
• Crime prevention, e.g. shoplifting
• Parking lot monitoring
• Construction site monitoring
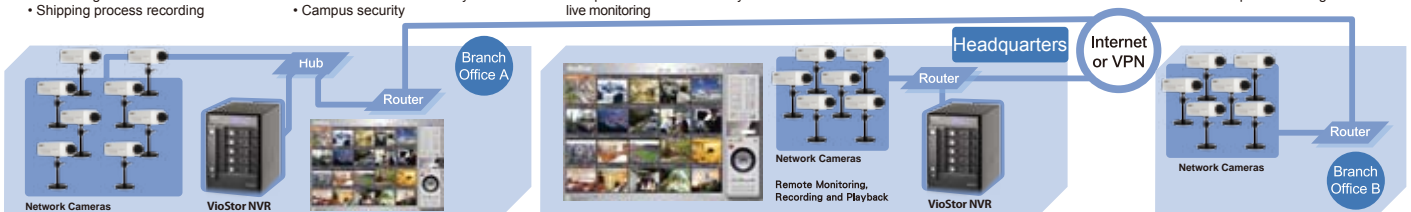• Convenience store security
• Campus security
• Server room security
• Gas station security
• Hotel security
• Multiple remote offices/ factory sites live monitoring

• Office Management
• Real-time office monitoring from remote locations
• In-house office monitoring
• Office security fortification
• False alarm identification

• Home Care
• Home surveillance to secure life and property
• Enhanced protection for kids, elders, and pets
• Crime prevention
• Evidence or aid to police investigations

Hardware Specifications

Processor
- Intel® Celeron® Processor 1.6GHz

Memory
- 1GB DDRII RAM, 128MB flash (DOM)

HDD Capacity
- 5 x 3.5" SATA I/II HDD or 5 x 2.5" SATA HDD (the standard system is shipped without HDD)

HDD Tray
- 5 x hot-swappable and lockable tray

LAN Port
- 2 x Gigabit RJ-45 Ethernet port

LED Indicators
- Status, HDD 1, HDD 2, HDD 3, HDD 4, HDD 5, LAN, USB

USB
- 5 x USB 2.0
  Front: for USB storage device
       (One Touch Auto Video Backup)
  Back: for UPS device

eSATA
- 1 x eSATA port (back); reserved for local backup

Buttons
- Power, one touch auto video backup, reset

LCD Panel
- Mono-LCD display with backlight, Enter button, and Select button for configuration

Alarm Buzzer
- System warning

Form Factor
- Tower

Hardware Dimensions
- 261.1(H) x 188.5(W) x 261.1(D) mm
- 10.28(H) x 7.42(W) x 10.28(D) inch

Color Box Shipping Weight
- 8Kg/ 17.64 lb

Operation Environment
- Temperature: 0~40°C
- Humidity: 0~95% R.H.

Power Supply
- Output: 250W, Input: 110-240V AC, 50/60 Hz, 5A

Power Consumption
- 71.54~76.39W: Write/Read (RAID5)
- 57.69~60.01W: Write/Read (Single)

Secure Design
- K-Lock security slot for theft prevention

VGA
- Reserved

RS-232
- RS-232 x1

Fan
- 12cm quiet cooling fan (12V DC)

Certification
- CE, FCC, VCCI, BSMI

Software Specifications

Video
Display Mode: 1/ 4/ 6/ 8/ 9/ 10/ 12/ 16/ 20/ 25/ 36/ 42-channel display, Picture-in-Picture mode, sequential mode, dual siaplay mode
Multi-server Monitoring:
- Up to 120 channels monitoring from multiple QNAP NVRs
Recording Connection:
- VS-5020: Up to 20 channels
- VS-5012: Up to 12 channels
Compression Format:
- H.264, MxPEG, MPEG-4, and M-JPEG (vary by camera models)
Video Setting: Resolution, quality, frame rate
E-map: Upload E-map (JPEG)

Recording
Recording Mode: Continuous/ manual/ schedule* recording
- Alarm recording/ multiple alarm recording schedules*
  * Up to 15 schedules are supported for each camera
Buffer Storage for Alarm Images (before & after events):
- Pre-recording: up to 300 sec; post–recording: up to 300 sec (total 600 sec/ 10 min)
Recording Performance: Up to 30 fps at D1 or VGA for each camera
  * Real performance may vary in different environment
Megapixel Recording: High performance megapixel recording
File format: AVI (QNAP codec is needed for playback)

Playback
Playback Channel: Max 4-channel playback at the same time
Playback Mode: Play, pause, stop, reverse play, next/ previous frame, next/ previous video file, different speed control
Search Mode: By date & time, timeline, event, and intelligent video analytics (IVA)
Playback Enhancement: Full screen display, video snapshot, digital zoom, digital watermark
Download: Download recordings via the web

Storage
Disk Management:
- Single disk, RAID 0, RAID 1, RAID 5, RAID 5+ Hot spare, RAID 6, RAID 6+ Hot spare, and JBOD/ Linear
- Online RAID Capacity Expansion/ Online RAID Level Migration
- HDD S.M.A.R.T. / Bad blocks scan
Services: Web File Manager, FTP, SMB/CIFS

LCD Panel
- PC-less RAID configuration for the first time setup
- Checks or configures the IP settings, physical disk info, system info, shut down or reboot the NVR etc.

Network
Support: HTTP, TCP/IP, SMTP, DHCP, Static IP, DNS, DDNS, FTP, NTP, UPnP, failover, load-balancing, multi-IP setting
Dual Gigabit LAN: Failover/ load-balancing/ multi-Lan

Security
Operation System: Linux-embedded system
On-line Users List: Record of the 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
Authority management: The right to monitor and playback each camera can be separately defined for each user (max 32)
Alert Notification: Buzzer, event notification, SMS, e-mail alert
Auto Logoff: The administrator can set the timeout period to log off the users when the idling time has reached
Digital Watermark: Enhanced file security by digital watermark
UPS: APC / MGE (USB type UPS)
Event Logs: Detailed record of event logs

Language Support
Danish/ Dutch/ English/ French/ Finnish/ German/ Hungarian/ Italian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Russian/ Spanish/ Swedish/ Simplified Chinese/ Traditional Chinese

Client PC Requirement
(Suggested system requirement for better video performance)
CPU:
- M-JPEG format (up to 20 channels): Pentium 4 CPU 2.8 GHz or above
- H.264/ MxPEG/ MPEG-4 format (up to 20 channels): Dual core CPU 2.8 GHz or above
* For higher surveillance performance, please select more advanced PC models.
Memory: 1GB or above
Operation System: Microsoft Windows XP/ Vista
Web Browser: Internet Explorer 6.0 or later
Network Interface: 10/100 Mbps or above
View Resolution: Suggested 1024 x 768 pixels or above

Utility Software
QNAP Finder: Discovery and quick setup for NVR
VioStor Player: Play the recording files on your Windows computer easily
* Designs and specifications are subject to change without notice.

Package Contents

VioStor NVR   CD-ROM   Ethernet cable x 2

Quick Installation Guide   Power cord   Flat head screw

Hard disk lock   Quick Installation Guide (RAID configuration)

Brand	Models	VS-5020	VS-5012
		20 channels	12 channels
AXIS	206M/ 207/ 207W/ 207M/ 207MW/ 209FD(-R)/ 209MFD(-R)/ 210/ 210A/ 211A/ 211/ 211W/ 211M/ 212/ 213/ 214/ 215/ 216FD/ 216MFD/ 221/ 223M/ 225FD/ 231/ 232/ 233D/ P1311/ P3011/ P3301/ P3343/ P3344/ Q1755/ Q7401/ Q7404/ M1011/ M1011-W/ M1031-W/ M3011/ M3014/ M7001/ 241Q/ 241QA/ 241S/ 241SA/ 243SA/ 247S	●	●
ACTi	ACM-1231/ ACM-1232/ ACM-1311/ ACM-1431/ ACM-1432/ ACM-1511/ ACM-3001/ ACM-3011/ ACM-3211/ ACM-3311/ ACM-3401/ ACM-3411/ ACM-4000/ ACM-4001/ ACM-4100/ ACM-4200/ ACM-5001/ ACM-5601/ ACM-5611/ ACM-5711/ ACM-7411/ ACM-8211/ ACM-8511/ CAM-5201/ CAM-5221/ CAM-5301/ CAM-5321/ CAM-6500/ CAM-6600/ CAM-6610/ CAM-6620/ CAM-6630/ CAM-7300/ CAM-7321/ CAM-7322/ ACD-2100/ ACD-2200/ ACD-2300/ ACD-2400/ ACD-2000Q/ SED-2140/ TCM-4301/ TCM-5311	●	●
Arecont Vision	AV1300/ AV1305/ AV1355/ AV2100/ AV2105/ AV2155/ AV3130/ AV3100/ AV3105/ AV3155/ AV5100/ AV5105/ AV5155/ AV8180/ AV8185/ AV8360/ AV8365	●	●
AVTECH	AVI201/ AVI202/ AVI203/ AVI204/ AVI322	●	●
Canon	VB-C300/ VB-C300B/ VB-C50iR/ VB-C50i/ VB-C50FSi/ VB-C50Fi/ VB-C500D/ VB-C60	●	●
Cisco	CIVS-IPC-2500/ CIVS-IPC-2500W	●	●
D-Link	DCS-900(A)/ DCS-900(B1)/ DCS-900(B2)/ DCS-910/ DCS-920/ DCS-2102/ DCS-2120/ DCS-2121/ DCS-3220(G)/ DCS-3420/ DCS-5220/ DCS-5300(G)/ DCS-6620(G)	●	●
EDIMAX	IC-1510/ IC-1510WG/ IC-3010/ IC-3010WG/ IC-7000PT/ IC-7000PTN	●	●
ELMO	PTC-401C-IP/ PTC-402C-IP/ SN2230-IP2/ SN2230-IPW/ SN2232 IP/ TD4112-IP/ TD4114 IP2	●	●
EtroVision	EV3130/ EV3131/ EV3131A/ EV3830/ EV6130/ EV6332/ EV6530/ EV6531A/ EV6552A	●	●
GANZ	ZN-D2024/ ZN-PT304L/ ZN-PT304WL/ ZN-YH305/ ZV-S306	●	●
Hikvision	DS-2CD792PF-E/ DS-2CD852MF-E/ DS-2CD892PF-E	●	●
iPUX	ICS 1001/ ICS 1011/ ICS 1003/ ICS 1013/ ICS 1300/ ICS 1310/ ICS 130A/ ICS 131A	●	●
IQeye	IQ040SI/ IQ040SI/ IQ041SI/ IQ042SI/ IQ042SI/ IQ510/ IQ511/ IQ701/ IQ702/ IQ703/ IQ705/ IQ710/ IQ711/ IQ712/ IQ751/ IQ752/ IQ753/ IQ755/ IQ802/ IQ803/ IQ805/ IQ811/ IQ851/ IQ852/ IQ853/ IQ855/ IQA10S/ IQA10N/ IQA11S/ IQA11N/ IQA12S/ IQA12N/ IQA13S/ IQA13N/ IQA15S/ IQA15N/ IQA20S/ IQA20N/ IQA21S/ IQA21N/ IQA22S/ IQA22N/ IQA23S/ IQA23N/ IQA25S/ IQA25N	●	●
LevelOne	FCS-0010/ WCS-0010/ FCS-0020/ WCS-0020/ FCS-1010/ WCS-2010/ FCS-1030/ WCS-2030/ FCS-1040/ WCS-2040/ FCS-1060/ WCS-2060/ FCS-1070/ WCS-2070/ FCS-109X/ WCS-109X/ FCS-3000/ FCS-3021/ FCS-5030	●	●
Linksys	PVC-2300/ WVC-200/ WVC54GCA	●	●
MESSOA	NDZ860 H2/ NIC835 HN5/ NIC836	●	●
MOBOTIX	D12D-IT/ D12D-Sec/ D22M-Basic/ D22M-IT/ D22M-Sec/ M10D-Night/ M12D-IT/ M12D-Sec/ M12M-IT/ M12M-Sec/ M12M-Web/ M22M-IT/ M22M-Night/ M22M-Sec/ Q22M-Basic/ Q22M-Sec/ Q24M-Sec	●	●
NAKAYO	IPCAMDH	●	●
Panasonic	BB-HCM100/ BB-HCM110/ BB-HCM311/ BB-HCM331/ BB-HCM371/ BB-HCM381/ BB-HCM403/ BBHCM481/ BB-HCM511/ BB-HCM531/ BB-HCM515/ BB-HCM527/ BB-HCM547/ BB-HCM580/ BBHCM581/ BB-HCM715/ BB-HCM735/ KX-HCM280/ KX-HCM180/ BL-C1/ BL-C10/ BL-C11/ BL-C111/ BL-C131/ BL-C20/ BL-C30(K1)/ BL-C31	●	●
Panasonic i-Pro	NF282/ NF284/ NF302/ NM100/ NP1000/ NP1004/ NP240/ NP244/ NP304(V)/ NP472/ NP502/ NS202(A)/ NS324/ NS950/ NS954/ NW484(S)/ NW960/ NW964	●	●
SANYO	VCC-400N/ VCC-P450/ VCC-P470/ VCC-PT490/ VCC-PT500/ VCC-9600/ VCC-9800/ N6695/VCC-HD4000	●	●
SONY	SNC-CS10/ SNC-CS11/ SNC-CS20/ SNC-CS50/ SNC-CM120/ SNC-DF40/ SNC-DF50/ SNC-DF70/ SNC-DF80/ SNC-DF85/ SNC-DS10/ SNC-DS60/ SNC-DM110/ SNC-DM160/ SNC-P1/ SNC-P5/ SNCRX530/ SNC-RX550/ SNC-RX570/ SNC-RZ25/ SNC-RZ30/ SNC-RZ50/ SNC-Z20/ SNT V704	●	●
TOA	N-CC2561/ N-VT-2010/ N-CC-2360	●	●
TOSHIBA	CI8110-D/ CI8210-D/ IK-WB12/ IK-WB21	●	●
TRENDnet	TV-IP212/ TV-IP212W/ TV-IP312/ TV-IP312W/ TV-IP410/ TV-IP410W/ TV-IP422/ TV-IP422W	●	●
VIVOTEK	IP3111/ IP3121/ IP3112/ IP3122/ IP3132/ IP3135/ IP3137/ PT3112/ PT3122/ PT3117/ PT3127/ FD6111V/ FD6121V/ FD6112V/ FD6122V/ IP6112/ IP6122/ IP6117/ IP6127/ PZ6112/ PZ6122/ PZ6114/ PZ6124/ SD6112V/ FD7130/ FD7131/ FD7132/ FD7141/ FD7160/ IP7130/ IP7131/ IP7132/ IP7133/ IP7134/ IP7135/ IP7137/ IP7138/ IP7139/ IP7142/ IP7151/ IP7152/ IP7153/ IP7154/ IP7161/ IP7251/ IP7330/ IZ7151/ PZ71X1/ PZ71X2/ PZ7131/ PZ7132/ PT7135/ PT7137/ PZ7151/ PZ7152/ SD6122V/ SD7151/ SD73X3/ IP8161/ VS3100P/ VS3102/ VS7100	●	●
Y-CAM	Y-Cam White/ Y-Cam Black	●	●

*For the latest information of the supported cameras, please visit QNAP Security website: http://www.qnapsecurity.com/pro_compatibility_camera.asp
**All the trademarks mentioned herein are the property of their respective companies.
***Designs and specifications are subject to change without notice.

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