



**QNAP VioStor NVR Series**

2010/04/08 Updated

**Enterprise**

**Enterprise & SMB**

**SMB & SOHO**

**SOHO and Home**



Supported Cameras/ Video Servers*	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Axis	o	o	o	o	o	o	o	o	o
ACTI	o	o	o	o	o	o	o	o	-
A-MTK	o	o	o	o	o	o	o	o	-
Arecont Vision	o	o	o	o	o	o	o	o	-
AVTECH	o	o	o	o	o	o	o	o	-
Canon	o	o	o	o	o	P Series	P Series	P Series	-
Cisco	o	o	o	o	o	V Series	V Series	V Series	-
CNB	o	o	o	o	o	o	o	o	-
DIGITUS	o	o	o	o	o	o	o	o	-
D-Link	o	o	o	o	o	V Series	V Series	V Series	o
EDIMAX	o	o	o	o	o	o	o	o	o
ELMO	o	o	o	o	o	o	o	o	-
EtroVision	o	o	o	o	o	o	o	o	o
GANZ	o	o	o	o	o	V Series	V Series	V Series	-
Hikvision	o	o	o	o	o	-	-	-	-
IPUX	o	o	o	o	o	o	o	o	o
IQeye	o	o	o	o	o	o	o	o	-
LevelOne	o	o	o	o	o	V Series	V Series	V Series	o
Linksys	o	o	o	o	o	V Series	V Series	V Series	-
Messoa	o	o	o	o	o	o	o	o	-
MOBOTIX	o	o	o	o	o	o	o	o	-
Nakayo	o	o	o	o	o	P Series	P Series	P Series	-
Panasonic	o	o	o	o	o	P Series	P Series	P Series	o
Panasonic i-Pro	o	o	o	o	o	P Series	P Series	P Series	-
SANYO	o	o	o	o	o	P Series	P Series	P Series	-
SONY	o	o	o	o	o	P Series	P Series	P Series	-
TOA	o	o	o	o	o	P Series	P Series	P Series	-
TOSHIBA	o	o	o	o	o	o	o	o	-
TRENDnet	o	o	o	o	o	o	o	o	o
VIOSECURE	o	o	o	o	o	o	o	o	-
VIVOTEK	o	o	o	o	o	V Series	V Series	V Series	o
Y-CAM	o	o	o	o	o	o	o	o	o
Generic IP cameras support (JPEG)	o	o	o	o	o	o	o	o	-
Max. number of cameras	40/ 32/ 24	40/ 32/ 24	20/ 12	16	12/ 8	8	4	4	4
Compression Format*	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
H.264	o	o	o	o	o	o	o	o	-
MxPEG	o	o	o	o	o	-	-	-	-
MPEG-4	o	o	o	o	o	o	o	o	o
M-JPEG	o	o	o	o	o	o	o	o	o
Monitoring	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Multi-channel display mode	1, 4, 6, 8, 9, 10, 12, 16, 20, 25, 36, 42	1, 4, 6, 8, 9, 10, 12, 16, 20, 25, 36, 42	1, 4, 6, 8, 9, 10, 12, 16, 20, 25, 36, 42	1, 4, 6, 8, 9, 10, 12, 16, 20, 25, 36, 42	1, 4, 6, 8, 9, 10, 12, 16, 20, 25, 36, 42	1, 4, 6, 8, 9, 10, 12, 16, 20, 25, 36, 42	1, 4, 6, 8, 9, 10, 12, 16, 20, 25, 36, 42	1, 4, 6, 8, 9, 10, 12, 16, 20, 25, 36, 42	1, 4
Picture- in-Picture mode	o	o	o	o	o	o	o	o	o
Sequential mode	o	o	o	o	o	o	o	o	o
Multi-server monitoring (Max. supported channels)	120	120	120	120	120	120	120	120	x
E-Map (JPEG)	o	o	o	o	o	o	o	o	o
Video access by web browser	o	o	o	o	o	o	o	o	o
Change the display order of the monitoring channels	o	o	o	o	o	o	o	o	-
Smart control of PTZ cameras	o	o	o	o	o	o	o	o	o
PTZ preset position control	o	o	o	o	o	o	o	o	-

Auto cruising by preset position	o	o	o	o	o	o	o	o	-
Focus control	o	o	o	o	o	o	o	o	o
Digital zoom on monitoring	o	o	o	o	o	o	o	o	-
Highlighted in red bracket when an alarm occurs	o	o	o	o	o	o	o	o	-
2-way audio (For iPUX/TRENDnet)	o	o	o	o	o	o	o	o	o
Snapshot on monitoring	o	o	o	o	o	o	o	o	o
Remote Surveillance	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
IE Browser	o	o	o	o	o	o	o	o	o
Windows PDA phone	o	o	o	o	o	o	o	o	-
Recording	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Continuous recording	o	o	o	o	o	o	o	o	o
Schedule recording (Up to 15 schedules)	o	o	o	o	o	o	o	o	o
Manual recording	o	o	o	o	o	o	o	o	o
Alarm recording* (Motion detection and alarm input)	o	o	o	o	o	o	o	o	o
Alarm recording* (Multiple alarm events)	o	o	o	o	o	o	o	o	o
Alarm recording schedule*	o	o	o	o	o	o	o	o	-
Buffer storage for alarm images (Pre-recording: up to 300 sec, post-recording: up to 300 sec)	o	o	o	o	o	o	o	o	o
Megapixel recording (Up to 8-megapixel resolution)	o	o	o	o	o	-	-	-	-
Audio recording*	o	o	o	o	o	o	o	o	o
File format	AVI	AVI	AVI	AVI	AVI	AVI	AVI	AVI	AVI
Recording performance	30fps at D1 or VGA for each channel	30fps at D1 or VGA for each channel	30fps at D1 or VGA for each channel	30fps at D1 or VGA for each channel	30fps at D1 or VGA for each channel	30fps at CIF for each channel	30fps at CIF for each channel	30fps at CIF for each channel	30fps at CIF for each channel
Max network throughput	300 Mbps	300 Mbps	138 Mbps	62.6 Mbps	62.6 Mbps	-	-	-	-
Playback	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Multi-server playback	o	o	o	o	o	o	o	o	o
Multi-view playback	o	o	o	o	o	o	o	o	o
Different speed control	o	o	o	o	o	o	o	o	o
Digital zoom on playback	o	o	o	o	o	o	o	o	o
Snapshot on playback	o	o	o	o	o	o	o	o	o
Convert to avi file	o	o	o	o	o	o	o	o	o
Digital watermarking	o	o	o	o	o	o	o	o	-
Video search by date & time	o	o	o	o	o	o	o	o	o
Video search by timeline	o	o	o	o	o	o	o	o	-
Video search by event	o	o	o	o	o	o	o	o	-
Faster video retrieval by intelligent video analytics (IVA)	o	o	o	o	o	o	o	o	-
Intelligent Video Analytics (IVA) on Playback	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Motion detection	o	o	o	o	o	o	o	o	-
Foreign object	o	o	o	o	o	o	o	o	-
Missing object	o	o	o	o	o	o	o	o	-
Out of focus	o	o	o	o	o	o	o	o	-
Camera occlusion	o	o	o	o	o	o	o	o	-
Download Recordings	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
SMB/CIFS	o	o	o	o	o	o	o	o	o
Web file manager	o	o	o	o	o	o	o	o	o
FTP	o	o	o	o	o	o	o	o	o

Event Handling	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Buzzer	o	o	o	o	o	o	o	o	o
SMS alert	o	o	o	o	o	o	o	o	-
E-Mail alert	o	o	o	o	o	o	o	o	o
Event notification on monitoring	o	o	o	o	o	o	o	o	o
Events of Advanced Event Management	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Motion detection	o	o	o	o	o	-	-	-	-
Alarm input	o	o	o	o	o	-	-	-	-
Connection failure	o	o	o	o	o	-	-	-	-
Recording failure	o	o	o	o	o	-	-	-	-
User-defined event	o	o	o	o	o	-	-	-	-
Actions of Advanced Event Management	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Recording	o	o	o	o	o	-	-	-	-
Camera control	o	o	o	o	o	-	-	-	-
Alarm output	o	o	o	o	o	-	-	-	-
Email	o	o	o	o	o	-	-	-	-
SMS	o	o	o	o	o	-	-	-	-
Buzzer	o	o	o	o	o	-	-	-	-
User-defined action	o	o	o	o	o	-	-	-	-
Backup	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Video backup to external storage by One Touch Auto Video Backup Button	-	o	o	o	o	o	o	o	o
Remote replication (in the local network)	o	o	o	o	o	o	o	o	o
Security	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Authority management (configure control authority of specified cameras for different users)	o	o	o	o	o	o	o	o	o
User authority management (add/ edit/ delete)	o	o	o	o	o	o	o	o	o
User groups (administrator/ system manager/ user)	o	o	o	o	o	-	-	-	-
User accounts	32	32	32	32	32	32	32	32	32
Auto logoff	o	o	o	o	o	o	o	o	-
Online user list	o	o	o	o	o	o	o	o	-
Host access control (IP filter)	o	o	o	o	o	o	o	o	-
Concurrent login to the unit	20	20	10	5	5	3	3	3	3
K-Lock security slot for theft prevention	o	o	o	o	o	o	o	o	o
Event Logs	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
System event logs	o	o	o	o	o	o	o	o	o
On-line users list	o	o	o	o	o	o	o	o	o
Historical users list	o	o	o	o	o	-	-	-	-
Surveillance logs	o	o	o	o	o	-	-	-	-
System connection logs	o	o	o	o	o	-	-	-	-
Storage	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Single	o	o	o	o	o	o	o	o	o
RAID 0 (disk stripping)	o	o	o	o	o	o**	o**	o**	o**
RAID 1 (disk mirroring)	o	o	o	o	o	o**	o**	o**	o**
RAID 5	o	o	o	o	-	-	-	-	-
RAID 5+ Hot spare	o	o	o	o	-	-	-	-	-
RAID 6	o	o	o	o	-	-	-	-	-
RAID 6+ Hot spare	o	o	o	-	-	-	-	-	-
JBOD/ Linear	o	o	o	o	o	o**	o**	o**	o**

Online RAID Capacity Expansion	o	o	o	o	o	-	-	-	-
Online RAID Level Migration	o	o	o	o	o	-	-	-	-
Max. number of HDD supported***	8 x 3.5" or 2.5" SATA VII HDD	8 x 3.5" or 2.5" SATA VII HDD	5 x 3.5" or 2.5" SATA VII HDD	4 x 3.5" or 2.5" SATA VII HDD	2 x 3.5" or 2.5" SATA VII HDD	2 x 3.5" SATA VII HDD	1 x 3.5" SATA VII HDD	1 x 3.5" SATA VII HDD	1 x 3.5" SATA VII HDD
Max. capacity***	16TB	16TB	10TB	8TB	4TB	2TB	750GB, expandable to 1.5TB through external eSATA	1TB, expandable to 2TB through external eSATA	1TB, expandable to 2TB through external eSATA
HDD S.M.A.R.T.	o	o	o	o	o	-	-	-	-
Advanced HDD Health Scanning (HSS)	o	o	o	o	o	-	-	-	-
HDD specified****	-	-	-	-	-	-	-	-	-
HDD hot-swap**	o	o	o	o	o	o	o**	o**	o**
Reliability	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Intelligent automatic system startup when power recovery	o	o	o	o	o	o	o	o	o
USB UPS device	APC/ MGE	APC/ MGE	APC/ MGE	APC/ MGE	APC/ MGE	APC	APC	APC	APC
Network	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
DHCP/ static IP	o	o	o	o	o	o	o	o	o
DHCP server	o	o	o	o	o	o	o	o	o
DDNS support	o	o	o	o	o	o	o	o	o
SMB/CIFS	o	o	o	o	o	o	o	o	o
FTP	o	o	o	o	o	o	o	o	o
UPnP	o	o	o	o	o	o	o	o	o
Failover	o	o	o	o	o	-	-	-	-
Load-balancing	o	o	o	o	o	-	-	-	-
Multi-IP setting	o	o	o	o	o	-	-	-	-
Easy Configuration and Management	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Easy system setup in 6 steps	o	o	o	o	o	o	o	o	o
Intuitive web interface	o	o	o	o	o	o	o	o	o
Smart search of IP cameras	o	o	o	o	o	o	o	o	-
System	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
OS	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux	Embedded Linux
Processor	Intel® Core® 2 Duo 2.8 GHz	Intel® Core® 2 Duo 2.8 GHz	Intel® Celeron® 1.6GHz	Intel® Atom™	Intel® Atom™	RISC	RISC	RISC	RISC
Memory	2GB DDRII	2GB DDRII	1GB DDRII	1GB	1GB	128MB	128MB	128MB	128MB
Flash	128MB (DOM)	128MB (DOM)	128MB (DOM)	128MB (DOM)	128MB (DOM)	16MB	16MB	16MB	16MB
Hardware	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
LED Indicators	Status, LAN, HDD 1, HDD 2, HDD 3, HDD 4, HDD 5, HDD 6, HDD 7, HDD8	Status, LAN, USB, HDD 1, HDD 2, HDD 3, HDD 4, HDD 5, HDD 6, HDD 7, HDD8	USB, Status, HDD1, HDD2, HDD3, HDD4, HDD5, LAN	USB, Status, HDD 1, HDD 2, HDD 3, HDD 4, LAN	HDD 1, HDD 2, LAN, eSATA	USB, Status, HDD1, HDD2, LAN, and Power	USB, Status, HDD1, HDD2, LAN, and Power	USB, Status, HDD1, HDD2, LAN, and Power	USB, Status, HDD1, eSATA, LAN, and Power
LCD display	o	o	o	o	-	-	-	-	-
USB 2.0	4	5	5	3	3	3	3	3	3
One Touch Auto Video Backup Button	-	o	o	o	o	o	o	o	o
Gigabit LAN port	2	2	2	2	2	1	1	1	1
Smart fan	o	o	o	o	o	-	-	-	-
Power supply	Redundant Power Supply ATX 300W, Input: 100-240V AC, 47-63Hz, 5A-2.5A	ATX 350W, Input: 100-240V AC, 47-63Hz, 6A-2.8A	ATX 250W, Input: 100-264 Vac~, 46-63Hz, 5A	Redundant Power Supply ATX 150W, input: 100-240 Vac, 50-60Hz, 2A	External power adaptor, 60W, input:110~240V	External power adaptor, 12V, 36W, 100~240V	External power adaptor, 12V, 36W, 100~240V	External power adaptor, 12V, 36W, 100~240V	External power adaptor, 12V, 36W, 100~240V
Power consumption (In operation)	92 ~ 100W W/R	81W W/R	71.54 ~ 76.39W W/R (RAID5) 57.69 ~ 60.01W W/R (Single)	49 ~ 56W W/R	37 ~ 44W W/R	25.2W W/R	14.4W W/R	18W W/R	18W W/R
Operating temperature	0 ~ 40°C	0 ~ 40°C	0 ~ 40°C	0 ~ 40°C	0 ~ 40°C	0 ~ 40°C	0 ~ 35°C	0 ~ 35°C	0 ~ 35°C
Operating humidity	0% to 95% (Non-condensing)	0% to 95% (Non-condensing)	0% to 95% (Non-condensing)	0% to 95% (Non-condensing)	0% to 95% (Non-condensing)	0% to 90% (Non-condensing)	0% to 85% (Non-condensing)	0% to 85% (Non-condensing)	0% to 85% (Non-condensing)
Miscellaneous	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Certification	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI	CE, FCC, BSMI, VCCI
EAN Code	4712511120783/ 4712511120752/ 4712511120844	4712511120776/ 4712511120745/ 4712511120837	4712511120417/ 4712511120455	4712511120813	4712511120721/ 4712511120738	4712511120059/ 4712511120318	4712511120066/ 4712511120332	4712511120547/ 4712511120554	4712511120240
UPC Code	885022000722/ 885022000807/ 885022000784	885022000715/ 885022000692/ 885022000777	885022000340/ 885022000388	885022000753	885022000679/ 885022000685	885022000036/ 885022000265	885022000050/ 885022000289	885022000487/ 885022000494	885022000197
Hardware dimensions (Height x Width x Depth)	88.9(H) x 482.6(W) x 531.5(D) mm 3.5(H) x 19(W) x 20.93(D) inch	298(H) x 200(W) x 270(D) mm 11.73(H) x 7.87(W) x 10.63(D) inch	261.1(H) x 188.5(W) x 261.1(D) mm 10.28(H) x 7.42(W) x 10.28(D) inch	44(H) x 439(W) x 493(D) mm 1.73(H) x 16.97(W) x 19.65(D) inch	150(H) x 102(W) x 216(D) mm 5.91(H) x 4.02(W) x 8.5(D) inch	115(H) x 175(W) x 214(D) mm 4.53(H) x 6.89(W) x 8.43(D) inch	182(H) x 60(W) x 210(D) mm 7.17(H) x 2.36(W) x 8.27(D) inch	165.5(H) x 60(W) x 218.4(D) mm 6.52(H) x 2.36(W) x 8.60(D) inch	165.5(H) x 60(W) x 218.4(D) mm 6.52(H) x 2.36(W) x 8.60(D) inch
Color Box dimensions (Height x Width x Depth)	280(H) x 526(W) x 744(D) mm 11.0(H) x 20.7(W) x 29.3(D) inch	416(H) x 375(W) x 290(D) mm 16.38(H) x 14.78(W) x 11.42(D) inch	380(H) x 340(W) x 250(D) mm 14.96(H) x 13.39(W) x 9.84(D) inch	160(H) x 612(W) x 667(D) mm 6.3(H) x 24.1(W) x 26.3(D) inch	235(H) x 203(W) x 270(D) mm 9.25(H) x 7.99(W) x 10.63(D) inch	235(H) x 203(W) x 270(D) mm 9.25(H) x 7.99(W) x 10.63(D) inch	222(H) x 143(W) x 262(D) mm 8.74(H) x 5.63(W) x 10.31(D) inch	210(H) x 142(W) x 243(D) mm 8.27(H) x 5.59(W) x 9.57(D) inch	210(H) x 142(W) x 243(D) mm 8.27(H) x 5.59(W) x 9.57(D) inch

Color Box shipping weight	16.7Kg/ 36.82 lb	9.8Kg/ 21.61 lb	8Kg/ 17.64lb	12.08Kg/ 26.63 lb	2.92Kg/ 6.44 lb	3.5Kg/ 7.72lb	2.5Kg/ 5.51lb	1.57 Kg/ 3.46 lb	1.57 Kg/ 3.46lb
UI Languages	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Czech	o	o	o	o	o	o	o	o	-
Danish	o	o	o	o	o	o	o	o	-
Dutch	o	o	o	o	o	o	o	o	o
English	o	o	o	o	o	o	o	o	o
French	o	o	o	o	o	o	o	o	o
Finnish	o	o	o	o	o	o	o	o	-
German	o	o	o	o	o	o	o	o	o
Hungarian	o	o	o	o	o	o	o	o	-
Italian	o	o	o	o	o	o	o	o	o
Japanese	o	o	o	o	o	o	o	o	o
Korean	o	o	o	o	o	o	o	o	-
Norwegian	o	o	o	o	o	o	o	o	o
Polish	o	o	o	o	o	o	o	o	o
Portuguese	o	o	o	o	o	o	o	o	o
Russian	o	o	o	o	o	o	o	o	o
Spanish	o	o	o	o	o	o	o	o	o
Swedish	o	o	o	o	o	o	o	o	o
Simplified Chinese	o	o	o	o	o	o	o	o	o
Traditional Chinese	o	o	o	o	o	o	o	o	o
Client PC Requirements	VS-8040/ 8032/ 8024U-RP	VS-8040/ 8032/ 8024	VS-5020/ 5012	VS-4016U-RP	VS-2012/ 2008	VS-201P/ V	VS-101P/ V	NVR-104P/ V	NVR-101
Suggested CPU (for client PC)	M-JPEG format (up to 40/32/24-channel); Dual core CPU 2.4/2.2/2.0 GHz or above H.264/ MxPEG/ MPEG-4 format (up to 40/32/24-channel); Quad core CPU 2.4/2.2/2.0 GHz or above	M-JPEG format (up to 40/32/24-channel); Dual core CPU 2.4/2.2/2.0 GHz or above H.264/ MxPEG/ MPEG-4 format (up to 40/32/24-channel); Quad core CPU 2.4/2.2/2.0 GHz or above	M-JPEG format (up to 20/12-channel); Pentium 4 CPU 2.8/2.4 GHz or above H.264/ MxPEG/ MPEG-4 format (up to 20-channel); Dual core CPU 2.8/2.4 GHz or above	M-JPEG format (up to 16-channel); Pentium 4 CPU 2.6 GHz or above H.264/ MxPEG/ MPEG-4 format (up to 16-channel); Dual core CPU 2.6 GHz or above	M-JPEG format (up to 12/8-channel); Pentium 4 CPU 2.4/2.2 GHz or above H.264/ MxPEG/ MPEG-4 format (up to 12/8-channel); Dual core CPU 2.4/2.2 GHz or above	M-JPEG format (up to 8-channel); Pentium 4 CPU 2.2 GHz or above H.264/ MPEG-4 format (up to 8-channel); Dual core CPU 2.2 GHz or above	M-JPEG format (up to 4-channel); Pentium 4 CPU 2.0 GHz or above H.264/ MPEG-4 format (up to 4-channel); Dual core CPU 2.0 GHz or above	M-JPEG format (up to 4-channel); Pentium 4 CPU 2.0 GHz or above H.264/ MPEG-4 format (up to 4-channel); Dual core CPU 2.0 GHz or above	M-JPEG format (up to 4-channel); Pentium 4 CPU 2.0 GHz or above H.264/ MPEG-4 format (up to 4-channel); Dual core CPU 2.0 GHz or above
Suggested memory (for client PC)	1 GB RAM or above	1 GB RAM or above	1 GB RAM or above	1 GB RAM or above	1 GB RAM or above	1 GB RAM or above	1 GB RAM or above	1 GB RAM or above	1 GB RAM or above
OS supported (for client PC)	Windows XP/ Vista/ 7	Windows XP/ Vista/ 7	Windows XP/ Vista/ 7	Windows XP/ Vista/ 7	Windows XP/ Vista/ 7	Windows XP/ Vista/ 7	Windows XP/ Vista/ 7	Windows XP/ Vista/ 7	Windows XP/ Vista (32-bit)
Web Browser	Internet Explorer 6.0 or later	Internet Explorer 6.0 or later	Internet Explorer 6.0 or later	Internet Explorer 6.0 or later	Internet Explorer 6.0 or later	Internet Explorer 6.0 or later	Internet Explorer 6.0 or later	Internet Explorer 6.0 or later	Internet Explorer 6.0 or later

\* For more details about the compatible cameras of QNAP NVR, please refer to [http://www.qnapsecurity.com/pro\\_compatibility\\_camera.asp](http://www.qnapsecurity.com/pro_compatibility_camera.asp)

\*\*RAID and hot-swap features are enabled via external eSATA device.

\*\*\*The standard system is shipped without HDD.

\*\*\*\*For more details about the HDD compatibility list of QNAP NVR, please refer to [http://www.qnapsecurity.com/pro\\_compatibility.asp](http://www.qnapsecurity.com/pro_compatibility.asp) and [http://www.qnapsecurity.com/pro\\_compatibility\\_HDD\\_Q.asp](http://www.qnapsecurity.com/pro_compatibility_HDD_Q.asp).

\*\*\*\*\*Design and specifications subject to change without notice. Please contact QNAP for updated product information.

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