








Network Video Recorder Comparison Chart

Product Name	Rackmountable 32 Channel Network Video Recorder with Local Display	8 Channel Network Video Recorder	16 Channel Network Video Recorder	4 Channel Network Video Recorder	8 Channel Network Video Recorder	16 Channel Network Video Recorder	16 Channel Network Video Recorder
Model No.	HIQ-3232	HIQ-3208	HIQ-3216	HIQ-3604	HIQ-3608	HIQ-3616	HIQ-3716
Photo							
Live Video							
Display	1/4/9/16/36/ Full Screen	1/4/9/ Full Screen	1/4/9/16/ Full Screen	1/4/ Full Screen	1/4/8/ Full Screen	1/4/9/16/ Full Screen	1/4/9/16/ Full Screen
Max. Video Channels	32	8	16	4	8	16	16
Compression Format	H.264, MPEG4, MJPEG	MJPE/G/H.264	MJPE/G/H.264	MJPE/G/MPE/G4/H.264	MJPE/G/MPE/G4/H.264	MJPE/G/MPE/G4/H.264	MJPE/G/MPE/G4/H.264
Resolution	Up to 5 MP	5Mp,3Mp,1080P,720P,FD1,CIF,QCIF	5Mp,3Mp,1080P,720P,FD1,CIF,QCIF	5MP/3MP/2MP/ Full HD/ Megapixel/ HD/ D1/ CIF/ QCIF	5MP/3MP/2MP/ Full HD/ Megapixel/ HD/ D1/ CIF/ QCIF	5MP/3MP/2MP/ Full HD/ Megapixel/ HD/ D1/ CIF/ QCIF	5MP/3MP/2MP/ Full HD/ Megapixel/ HD/ D1/ CIF/ QCIF
Digital Zoom	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Schedule	Yes	Yes	Yes	Yes	Yes	Yes	Yes
E-map/Google Map	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mobile Device Live View	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Local Display	Yes	Yes	Yes	No	No	No	No
Audio							
Streaming	Two-way	Two-way	Two-way	Two-way	Two-way	Two-way	Two-way
Recording							
Continuous	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Manual	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Schedule	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Event	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Snapshot	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recording Frame Rate	32CH_960fps@1080p, 960fps@1.3Mo, H.264, bitrate per channel: 4Mbps	240fps@1080p, 3Mbps/CH total 8CH	480fps@1080p, 3Mbps/CH total 16CH	240 fps @ 2MP (H.264)	240 fps @ 2MP (H.264)	480 fps @ 1.3MP (H.264)	480 fps @ 1.3MP (H.264)
Recording throughput	20Mbps	60Mbps	60Mbps	80Mbps	80Mbps	60Mbps	80Mbps
Recording Export	AVI	AVI	AVI	AVI	AVI	AVI	AVI
Recording Search	Date/ Time/ Event	Date/ Time/ Event	Date/ Time/ Event	Date/ Time/ Event	Date/ Time/ Event	Date/ Time/ Event	Date/ Time/ Event
Playback							
Play/Pause/Stop/Fast Forward/Rewind/Frame by Frame	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Video Split Mode	1/4/16(web), 1/4 (local UI)	1/4/9/ Full Screen	1/4/9/16/ Full Screen	1/4/ Full Screen	1/4/ Full Screen	1/4/ Full Screen	1/4/ Full Screen
Snapshot	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PTZ							
Virtual PTZ Panel	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PTZ Preset	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PTZ Preset Sequence	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Digital PTZ	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Pan	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Event							
Digital Input/Output	Yes (Both Camera and NVR)	Yes (Both Camera and NVR)	Yes (Both Camera and NVR)	Yes (Both Camera and NVR)	Yes (Both Camera and NVR)	Yes (Both Camera and NVR)	Yes (Both Camera and NVR)
Motion	Yes (Free CMS and NVR)	Yes (Free CMS and NVR)	Yes (Free CMS and NVR)	Yes (Free CMS and NVR)	Yes (Free CMS and NVR)	Yes (Free CMS and NVR)	Yes (Free CMS and NVR)
System	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Event Trigger Action							
E-MAIL	Yes	Yes	Yes	Yes	Yes	Yes	Yes
FTP	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Buzzer	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Move to Particular PTZ Preset Point	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DD	N/A	Yes	Yes	Yes	Yes	Yes	Yes
Recording	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Management							
Camera Status List	Yes	Yes	Yes	Yes	Yes	Yes	Yes
User Management							
Management	User/ Group	User/ Group	User/ Group	User/ Group	User/ Group	User/ Group	User/ Group
Number of Groups	Administrator/ Guest/ User define x5	Administrator/ Guest/ User define x5	Administrator/ Guest/ User define x6	Administrator/ Guest/ User define x5	Administrator/ Guest/ User define x5	Administrator/ Guest/ User define x5	Administrator/ Guest/ User define x5
Privileges	Live View/ Playback/ System Configuration/ Camera Configuration/ Recording Configuration/ Event Configuration/ System Maintenance	Live View/ Playback/ System Configuration/ Camera Configuration/ Recording Configuration/ Event Configuration/ System Maintenance	Live View/ Playback/ System Configuration/ Camera Configuration/ Recording Configuration/ Event Configuration/ System Maintenance	Live View/ Playback/ System Configuration/ Camera Configuration/ Recording Configuration/ Event Configuration/ System Maintenance	Live View/ Playback/ System Configuration/ Camera Configuration/ Recording Configuration/ Event Configuration/ System Maintenance	Live View/ Playback/ System Configuration/ Camera Configuration/ Recording Configuration/ Event Configuration/ System Maintenance	Live View/ Playback/ System Configuration/ Camera Configuration/ Recording Configuration/ Event Configuration/ System Maintenance
Misc.							
CPU	ARM	ARM	ARM	ARM9 1.6Ghz	ARM9 1.6Ghz	ARM9 1.6Ghz	ARM9 1.6Ghz
Capacity	Internal Max: 16TB (4TB x 4) External Max: 8TB (e-SATA)	Max 8TB (4TB x 2)	Max 8TB (4TB x 2)	Max 8TB (4TB x 2)	Max 8TB (4TB x 2)	Max 8TB (4TB x 2)	Internal Max: 8TB (4TB x 2) External Max: 8TB (e-SATA)
HDD	4 x 3.5" SATA III	2 x 3.5" SATA III	2 x 3.5" SATA III	2 x 3.5" SATA III	2 x 3.5" SATA III	2 x 3.5" SATA III	2 x 3.5" SATA III and e-SATA
RAID D1	RAID 0,1,5,10	N/A	N/A	N/A	N/A	N/A	RAID D1
LED	Power, System, Event	Power/ Status/ Network/ Alarm	Power/ Status/ Network/ Alarm	Cameras/ Power/ Status/ Network/ HDD1/ HDD2/ Alarm	Cameras/ Power/ Status/ Network/ HDD1/ HDD2/ Alarm	Cameras/ Power/ Status/ Network/ HDD1/ HDD2/ Alarm	Cameras/ Power/ Status/ Network/ HDD1/ HDD2/ Alarm
Buttons	Reset, Power	Record/ Reset/ Buzzer Stop	Record/ Reset/ Buzzer Stop	Power/ Reset/ Buzzer Stop	Power/ Reset/ Buzzer Stop	Power/ Reset/ Buzzer Stop	Power/ Reset/ Buzzer Stop
Dimension	54mm x 462mm x 430mm (H x W x D)	69mm x 325mm x 255mm (H x W x D)	69mm x 325mm x 255mm (H x W x D)	82mm x 220mm x 215mm (H x W x D)	82mm x 220mm x 215mm (H x W x D)	82mm x 220mm x 215mm (H x W x D)	82mm x 220mm x 215mm (H x W x D)
Weight	7kg	2.27kg	2.27kg	4.5kg/10lbs	4.5kg/10lbs	4.5kg/10lbs	4.5kg/10lbs
Power	100-240V, 200W	DC 12V/40W	DC 12V/40W	DC 19V/90W	DC 19V/90W	DC 19V/90W	DC 19V/90W
Ethernet	10/ 100/ 1000Mbps	10/ 100/ 1000Mbps	10/ 100/ 1000Mbps	10/ 100/ 1000Mbps	10/ 100/ 1000Mbps	10/ 100/ 1000Mbps	10/ 100/ 1000Mbps
Digital Input/Output	N/A	N/A	N/A	D1 x 8/ DO x 4	D1 x 8/ DO x 4	D1 x 8/ DO x 4	D1 x 8/ DO x 4
USB	2	1	1	1	1	1	1
RS485	N/A	N/A	N/A	Yes	Yes	Yes	Yes
RS485	N/A	Yes	Yes	Yes	Yes	Yes	Yes
IO for UPS	USB	N/A	N/A	Yes	Yes	Yes	Yes
Safety	FCC Class A/ CE/ UL	FCC Class A/ CE/ UL	FCC Class A/ CE/ UL	FCC Class A/ CE/ UL	FCC Class A/ CE/ UL	FCC Class A/ CE/ UL	FCC Class A/ CE/ UL
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