

Video Recorder

Specifications Comparison Table

No.	Functions / Features	Digital Video Recorder								Network Video Recorder								Hybrid Video Recorder															
		C501	C502	C503	C504	E701	E702	E703	E704	C511	C512	C513	C514	E711	E712	E713	E714	NVR-1004	NVR-1008	NVR-1016	C521	C522	C523	C524	E721	E722	E723	E724					
Storage																																	
1	Maximum storage size support (GB)	1500								1500								1500															
2	Number of preinstalled hard disks	1	2		1	2		1	2		1	2		1				1	2		1	2											
3	Maximum number of hard disks support	2								2								2															
4	Hard disk racks	No				Yes				No				Yes				No				Yes											
5	Local storage backup	No				Yes				No				Yes				No				Yes											
6	Network attached storage support	No				Yes				No				Yes				No				Yes											
7	Redundant storage (Mirror)	No				Yes				No				Yes				No				Yes											
Live Playing, Recording and Playback (Simultaneously)																																	
1	Picture size for: • Analog Camera	160 x 120 320 x 240 (QVGA) 384 x 288 448 x 336 512 x 384 576 x 448 640 x 480 (VGA)								-								160 x 120 320 x 240 (QVGA) 384 x 288 448 x 336 512 x 384 576 x 448 640 x 480 (VGA)															
		*Depend on analog camera TVL								-								*Depend on analog camera TVL															
	• IP Camera	-								160 x 120 320 x 240 (QVGA) 384 x 288 448 x 336 512 x 384 576 x 448 640 x 480 (VGA)								160 x 120 320 x 240 (QVGA) 384 x 288 448 x 336 512 x 384 576 x 448 640 x 480 (VGA)															
		-								*Depend on maximum picture size of IP camera								*Depend on maximum picture size of IP camera															
2	Video stream & record format	MPEG4 / H.263 / Motion JPEG / JPEG								MPEG4 / Motion JPEG								MPEG4 / H.263 / Motion JPEG / JPEG															
3	Total number of video inputs/sources support	4	8	12	16	4	8	12	16	4	8	12	16	4	8	12	16	4	8	16	4	8	12	16	4	8	12	16					
4	Composite video input formats	PAL / NTSC								No								PAL / NTSC															
5	Digital video stream input formats	No								MPEG-4 / Motion JPEG								Motion JPEG / MPEG-4															
Audio																																	
1	Audio stream & record format	MP3								MP3								MP3															
2	Number of audio inputs	1								1								1															
Ports																																	
1	Number of digital inputs	4	4	4	4	4	8	8	8	4	4	4	4	4	8	8	8	4	4	4	4	4	4	4	4	8	8	8					
2	Number of digital outputs	4	4	4	4	4	8	8	8	4	4	4	4	4	8	8	8	4	4	4	4	4	4	4	4	8	8	8					
Security																																	
1	User management	Yes								Yes								Yes															
	• Number of users	8				16				8				16				5				8				16							
	• Number of concurrent users accessing from remote	2				5				2				5				2				5											
2	Password protection	Yes								Yes								Yes															
3	User privilege: 2 Levels (Administrator & Normal user)	Yes								Yes								Yes															
4	Resource access control: • video & audio channel including event information	No				Yes				No				Yes				No				Yes											
5	Secure communications (SSL) on LAN, Intranet, Internet	Yes								Yes								Yes															
Alarm functions																																	
1	Composite video signal loss detection	Yes								No								Yes															
2	Digital video stream loss detection	No								Yes								Yes															
3	External sensor/device attached to digital input	Yes								Yes								Yes															
4	Motion detection	Yes								Yes								Yes															
Alert method																																	
1	Viewer software	Yes								Yes								Yes															
2	Internal speaker	Yes								Yes								Yes															
3	Digital outputs	Yes								Yes								Yes															
4	SMS : Need GSM module & SIM card	Yes								Yes								Yes															
Viewer software																																	
1	For Windows 2000/XP	Yes								Yes								Yes															
	• Language	Thai / English / Japanese								Thai / English / Japanese								Thai / English / Japanese															
2	For Windows Mobile	Yes								Yes								Yes															
	• Language	English								English								English															
3	For Symbian	Yes								Yes								Yes															
4	Internet Explorer browser	Yes								Yes								Yes															
Electrical																																	
1	Power supply	110 ~ 240 VAC 50 ~ 60 Hz								110 ~ 240 VAC 50 ~ 60 Hz								110 ~ 240 VAC 50 ~ 60 Hz															
Environment																																	
1	Dimension in Width x Height x Depth (mm.)	427 x 117 x 390				427 x 130 x 519				427 x 117 x 390				427 x 130 x 519				295 x 65 x 272				427 x 117 x 390				427 x 130 x 519							
2	Approximate weight (kg.)	8.8								12.2								8.8								12.2							
3	Installation environment	In-house Top clearance > 5 cm. Back clearance > 10 cm.								In-house Top clearance > 5 cm. Back clearance > 10 cm.								In-house Top clearance > 5 cm. Back clearance > 10 cm.															
4	Working temperature	0°C ~ 30°C								0°C ~ 30°C								0°C ~ 30°C															
5	Working humidity	20% to 80% RH								20% to 80% RH								20% to 80% RH															
Stand alone function																																	
1	Built-in viewer	Yes								Yes								Yes															
2	Remote controller	Yes								Yes								Yes															
3	Separate setting for each channel	Yes								Yes								Yes															

Recording Time Table

• Record in DAYS for 4 CHANNELS at 100 GB (HDD Storage) using MPEG4 Compression.

Picture Size	Favor Clarity			Standard			Favor Motion		
	25 fps	12 fps	6 fps	25 fps	12 fps	6 fps	25 fps	12 fps	6 fps
All models of C5 Series and E7 Series.									
160 x 120	9.2	18.5	37	15.4	30.8	61.7	30.8	61.7	123.4
320 x 240	4.6	9.2	18.5	7.7	15.4	30.8	15.4	30.8	61.7
640 x 480	2.3	4.6	9.2	3.8	7.7	15.4	7.7	15.4	30.8

• Record on HDD Storage in 7 DAYS for 4 CHANNELS using MJPEG Compression.

Picture Size	25 fps	12 fps*	6 fps
	All models of NVR-1000 Series.		
320 x 240	900 GB	450 GB	225 GB
640 x 480	1.8 TB	900 GB	450 GB

*Recommend: For economize HDD space should be record in 12 fps. by MJPEG format compression.



Contact Information: