

## N-0441L / N-0840L / N-1640L

ดูภาพผ่านมือถือสมาร์ทโฟนก็ทำได้



- No Front Button
- Real time recording & playback
- Quick & Easy Search Function
- 4CH audio input and 1CH audio output
- Simultaneous video out (VGA & BNC)
- Spot Monitor
- PTZ Function
- Remote configuration & Firmware upgrade
- Quick setup for easy & fast configuration
- Alarm, Motion Detection, Video Loss, HDD Failure
- E-mail notification
- N.T.P (Network Time Protocol)
- Easy Backup (USB)
- Multiple language
- Dual Streaming
- Digital Zoom Function on the network client software
- Smart Phone Viewer for i-Phone and Android
- MAC Client Software



ITEM		N-0441L	N-0840L	N-1640L	
Video	Input	Channel, Input Level	4/8/16CH Composite, 1.0Vp-p, 75ohm		
		Signal Format	NTSC/PAL		
	Output	Main Monitor	1 VGA (Up to 1280x1024)		
Sub Monitor		1 CVBS and 1SPOT			
Audio	Input & Output	4 CH Line input & 1 CH Line output			
	Audio Codec	G.711			
Alarm	Sensor Input	4ch (NC/NO Selectable)			
	Alarm Output	1 Alarm out by Sensor, Motion and Video Loss			
Record	Compression	H.264			
	Multi-operation	QUADPLEX (Playback/Record/Network/Backup)			
	Resolution (NTSC/PAL)	D1	120/100fps	120/100fps	120/100fps
		Half D1	120/100fps	240/200fps	240/200fps
		CIF	120/100fps	240/200fps	480/400fps
	Recording quality grade	5 LEVELS			
	Recording Mode	Continuous / Schedule / Motion/ Sensor/ Manual			
	Pre Recording	Up to 20minutes			
Post Recording	Up to 60minutes				
Display	Frame Rate ( /Sec)	NTSC: 30fps/ch, 60 fields / PAL: 25fps/ch, 50 fields			
Playback	Multi-Decoding	1, 4	1, 4, 8	1, 4, 8, 16	
		Single channel	× 2, 4, 16, 32, 64		
	Speed	Multi-channels	× 2, 4, 16, 32	× 2, 4, 16	× 2, 4, 8
Storage	HDD	Capacity of 1 HDD	2TB		
		Internal HDD No.	1		
	Backup	USB Port	2 (Front 1, Rear 1)		
		USB Flash drive	Video & Still Image		
		ODD	NO		
Huge Backup	Yes (up to 24 hours)				
Network	Video & Still Image				
User I/F	Input Method	IR Remote control, Mouse, Keyboard controller			
	POS	-	1 RS-232C		
Serial port	PTZ & Keyboard control	1 RS-485			
	Termination	Yes			
Network	Dynamic DNS	Yes (Free DDNS)			
	Dual Encoding for Network	CIF 60fps/50fps	CIF 120fps/100fps		
Network Access	Web viewer (1:1)	Live, Search, Backup, PTZF Cam Control, Remote Setup/Upgrade			
	Client Software: UMS Single (1:1)	Live, Search, Backup, PTZF Cam Control, Remote Setup/Upgrade			
	Multi-sites Monitoring System	Live, Search, Backup, PTZF Cam Control, Remote Setup/Upgrade			
Features	Digital Zoom	N/A			
	Watermarking	Yes			
	DLS (Day Lingt Saving)	Yes			
	NTP (Network Time Protocol)	Yes			
	S.M.A.R.T	Yes			
	Internal Beep	By Video Loss, HDD error			
	Multi-Language	Yes (more than 20 languages)			
	3G Mobile	iPhone / Android / BlackBerry			
Power	Power Supply Voltage	DC 12V 3A	DC 12V 5A		
Temperature	Operation Temperature	5°C - 40°C, During storage: -10°C - +50°C			
Weight	Unit Weight (Gross weight)	1.5Kgs (3.0Kgs)			
Dimension	Unit Dimension (W x H x D)	340mm x 262mm x 63mm			



The manufacturer reserves the right to change the specification and technical data of device.  
The picture may vary from the real product.