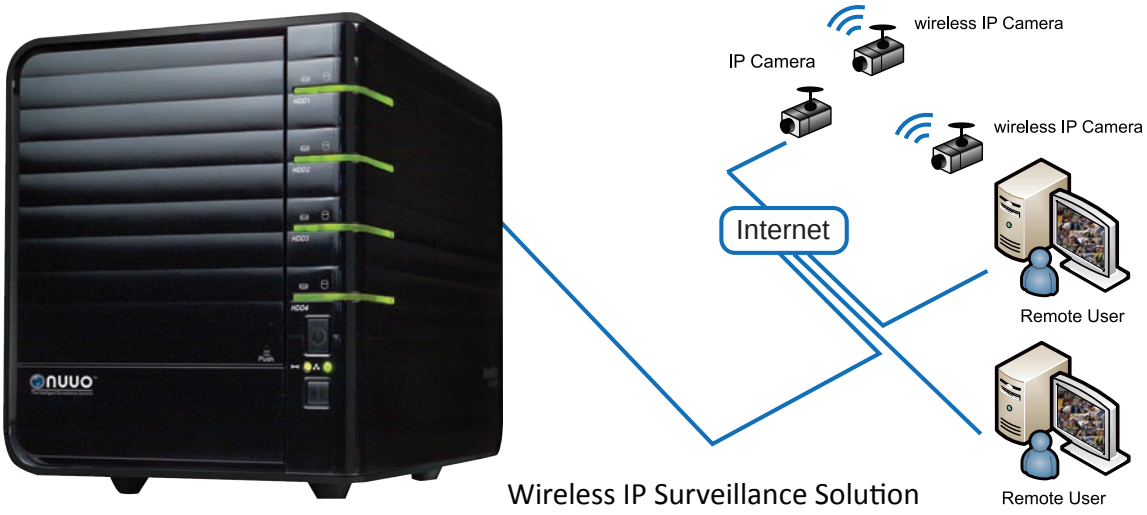
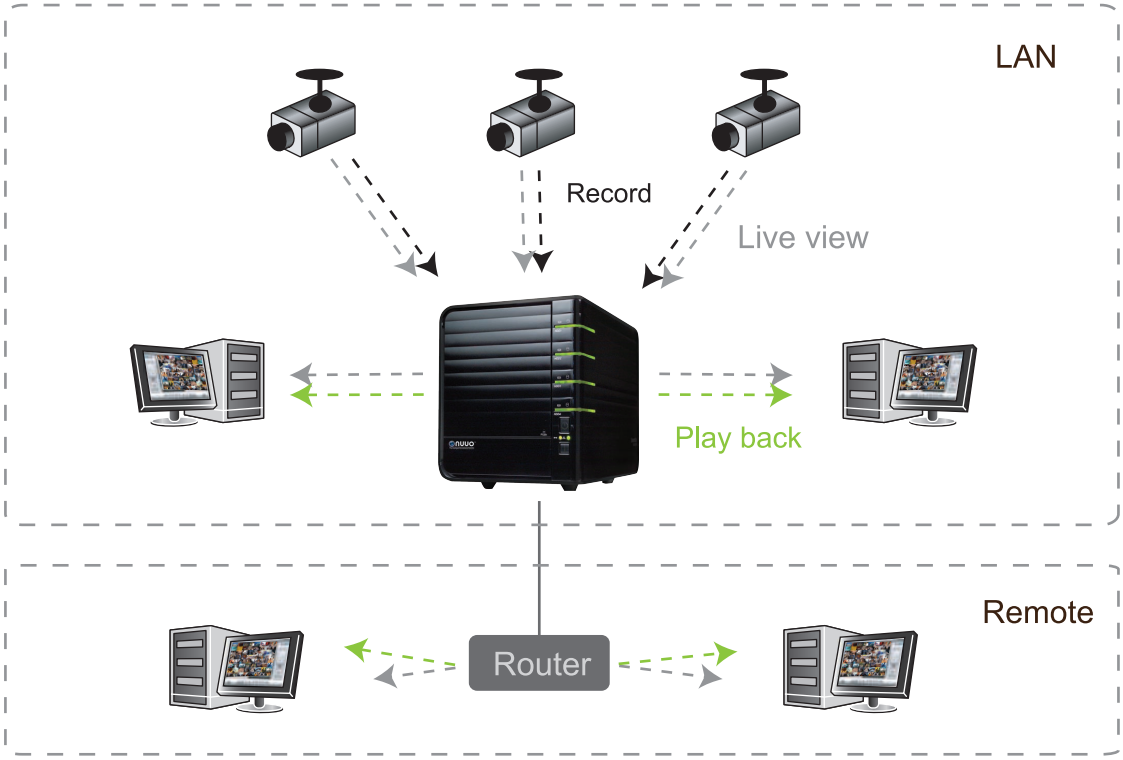
NAS NVRmini Linux Embedded Standalone



- Linux Embedded
- Support Megapixel camera
- Support H.264 camera
- Easy installatian, free from PC crashes and virus attack
- Open platform for 14 brands of IP cameras
- Web-based live view and play back
- Recording without PC turning on
- Manage 4/8/16 IP Cameras
- Playback with 5 Intelligent search
- Online GUI recording schedule
- Up to 2/4 SATA 3G/s drives
- Support 2/4 bay hard disk spaces
- RAID 0, 1, 5, 10, prevention of data loss
- Brower as Microsoft Internet Explorer 6.0 or above

Specification

Model	NV-2040	NV-4080	NV-4160
Recording Camera	1-4	1-8	1-16
Number of Drives	2xSATA II	4xSATA II *	4xSATA II *
RAID Level	RAID 0,1	RAID 0, 1, 5, 10	RAID 0, 1, 5, 10
I/O Interface	1xUSB 2.0 (for UPS)	2xUSB 2.0 (for UPS)	2xUSB 2.0 (for UPS)
LAN Transmission Speed	10/100/1000 Mbps (RJ45)	10/100/1000 Mbps (RJ45)	10/100/1000 Mbps (RJ45)
Dimension	92.0 x 145.2 x 213.2 mm	188.2 x 152.5 x 227.6 mm	188.2 x 152.5 x 227.6 mm
Temperature	Operating: 5°C to 35°C		
Humidity	Operating: 10%-85%		
Compression Format	MPEG-4, M-JPEG,H264 (Depend on IP cam)		
Recording Performance	Up to 120 fps (NTSC) /100 fps (PAL) at D1	Up to 240 fps (NTSC) /200 fps (PAL) at D1	Total bitrate : 22Mbps
Remote PC CPU	Pentium 4 – 2.4 GHz	Pentium 4 – 2.8 GHz	Pentium 4 – 2.8 GHz
Remote PC RAM	512 MB		
User Interface	HTTP Web browser - Internet Explorer 6 or later/ NUUO Client Application Program		
Recording Type	Continuous record, Record by schedule, Manual record, Event trigger record, Digital input trigger record,		
Remote Live View Control	Live view, Preset/go, PTZ functions, Remote I/O, Snapshot		
Audio & Video Recording	Audio & video recording in synchronization		
Smart Search	General motion, Missing object, Foreign object, Lose focus, Camera occlusion		
OS Supported	Windows 2000/ XP/ 2003/ Vista		
Playback Channel	4	8	4
Remote Live View connections	Live view maximum 16 connections at the same time		
IP Camera Brand Support	ACTi, ArecontVision, Axis, Cisco, D-Link, IQinVision, LevelOne, Lumenera, Linksys, Mobotix, Panasonic, Sony, Vivotek, Zavio		



NAS directly connects to cameras. Users access NAS to receive the live streams

NAS asks for video and audio data from cameras then sends the data to users, no matter live view or playback. This kind of structure will occupy the resources of NAS CPU, however, the cameras don't need to transfer data to many users but NAS, which will decrease the usages of each camera and guarantee the stability of the recording quality.

Application

Chain store | Laundry | Bank Branch | ATM | Mass Transport

Comparison table - NUUO NAS with other brands

item / brand	NUUO	Other brands
Recording frame rate and live view frame rate	★ **Stable with high recording quality**	**Unstable with lower recording quality** (Easily loss frame)
The number of ports need to be set in router (for remote side)	★ **3 ports for NAS, live view and playback**	**The more cameras, the more ports should be set up.** (Need to open 2 ports (A/V) in router for each camera)