

4 / 8 / 16 Channel NAS Mini Linux NVR



NAS-E1040



NAS-E1080 / NAS-E1016

Key Characteristics

- Linux Embedded – Free from PC crash and virus attack
- Server-Client Architecture
- Web-based management (Recommend on IE7 or above)
- Easy installation
- Manage 2 / 4 / 8 / 16 IP cameras
- Online GUI recording schedule
- RAID 0,1,5+spare and 10, prevention of data loss
- Support 25 brands of IP cameras and 735 models
- Support ImmerVision lens
- Support Megapixel camera and H.264 compression format
- Support D1, real-time and audio recording
- Up to 128 channels live display on multiple monitors
- Multiple camera streams to display in LiveView
- Support E-map with device indicator
- Playback system with 5 intelligent search
- Support Point of Sale (POS)
- 2/4 SATA HDD bays Embedded
- External storage – Up to 16TB total recording space
- Recording without PC turning on
- Remote I/O solution and camera I/O integration
- Supported by FINE CMS
- supported by iPhone iViewer

Technical Specifications

Model	NAS-E1040	NAS-E1080	NAS-E1016
Recording Cameras	1~4	1~8	/ 1~16
Playback channels	4	8	/ 16
Number of Drives	2xSATA II	4xSATA II	4xSATA II
Max Storage of Compatible HDD	2TB	2TB	2TB
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); 1xeSATA (for external storage ² : DAS)	2xUSB 2.0 (for UPS); 1xeSATA (for external storage ² : DAS)
LAN Transmission Speed	10/100/1000 Mbps (RJ45)		
Voltage	100-240V	100-230V	100-230V
Power Consumption	39W	72W	72W
Device Dimension	92.0 x 145.2 x 213.2 mm	188.2 x 152.5 x 229.6 mm	188.2 x 152.5 x 229.6 mm
Device Weight (without drive)	1.0 kg (2.2lbs)	2.5 kg (5.5lbs)	2.5 kg (5.5lbs)
Temperature	Operating: 5°C to 35°C (±5°C)		
Humidity	Operating: 10%-85%		
Supported IP Camera Brand(s): 25 brands	FINE, Axis, Panasonic, SONY, Vivotek, Acti, Arecont Vision, SANYO, Basler, Brickcom, CISCO, CNB, DLINK, ENEO, Hikvision, IQinVision, Levelone, Linksys, Lumenera, Mobotix, Samsung, SANTEC, StarDot, Toshiba, Videosec, ZAVIO		
Compression Format	MPEG4, M-JPEG, H.264, MxPEG (depends on IP camera)		
Recording Performance	Around 60fps at 1.3M Total bitrate: 20Mbps	Around 160fps at 1.3M Total bitrate: 65 / 55Mbps	Around 160fps at 1.3M Total bitrate: 65 / 55Mbps
Recording Type	Continuous record, Record by schedule, Event trigger record, Digital input trigger record		
Remote Live View Control	Liveview, PTZ control, Patrol/Focus, Preset set/go, Auto Scan, Snapshot		
Audio & Video Recording	Audio and video recording in synchronization		
POS	Liveview, record and search for every transaction		
Auto Backup	Automatically backup the recorded video of the date before to FTP server		
Intelligent Search	General motion, Missing object, Foreign object, Lose focus, Camera occlusion		
Remote Live View Connection	Live view maximum 16 connections at the same time		
Supported Language	English, Japanese, Traditional Chinese, Spanish, Deutsch, French, Italian, Russian, Czech, Korean, Polish, Dutch, Swedish, Portuguese (Brazil)		

System Minimum Requirement

Model	NAS-E1040	NAS-E1080	NAS-E1016
OS	Windows XP / 2003 / Vista / Win7		
CPU	Intel Core 2 Duo, 2.6GHz		
RAM	1GB		
LAN Transmission Speed	10/100/1000 Mbps (RJ45)		
UI	1. Web browser: Internet Explorer 7 or 8 2. Client Application Program 3. iPhone iViewer		

► Specifications are subjected to change without prior notice.