

# 16 Channel NAS Mini Linux NVR



## Key Characteristics

- Linux Embedded-Free from PC crash and virus attack
- Server-Client Architecture
- Brower as Microsoft Internet Explorer (6.0 or above)
- Easy Installation
- Support Megapixel Camera and H.264 Compression Format
- Support Point of Sale (POS)
- Manage 4/8/16 IP Cameras
- Up to 2/4 SATA HDD
- Support RAID 0,1,5,+spare,10 – Prevention of data loss
- Open Platform for 14 brands of IP Cameras
- Support D1, Real-time Recording
- Intelligent Search for 5 Different Events
- Online GUI Recording Schedule
- Recording without PC Turning on
- I/O Device Integration
- Supported by FINE CMS

## Software Specifications

### Camera Configuration

- Camera Settings - Camera name, IP address, port, username, password, protocol, vendor, model
- UPnP Search
- Camera Parameter - Video format, frame rate, quality, resolution, enable audio, go to camera interface
- Camera Status - Conn. Status, Rec. status, frame rate, bit rate

### Recording and Schedule

- Video Compression - H.264, M-JPEG, MPEG4
- ANAS-E1040 Recording Performance - D1, 30fps; 1.2M, 12fps(M-JPEG) per channel
- ANAS-E1080 Recording Performance - D1, 30fps; 1.2M, 12fps(M-JPEG) per channel
- ANAS-E1016 Recording Performance - Total bitrate: 22Mbps
- Maximum Recording Resolution - 8 Mega-pixel
- Audio & video recording in synchronization
- Auto recycling when storage disk is 2% remained / Keep n days video
- Recording Mode - Continuous record, record by schedule, manual record, event trigger record, digital input trigger record.
- Recording Schedule - Daily and weekly; copy schedule to other channel
- Recording File Format-DAT

### Live View

- Display Maximum 4/8/16 channels
- Camera List
- Camera Status
- I/O Status
- I/O Control
- Grip Type - 1/4/9/16/fullscreen
- Snapshot
- PTZ Control
- PTZ Preset/Go - Save the definition of PTZ camera lens as a preset point and allow cameras quickly move to the location.
- Digital Zoom - Zoom in, zoom out
- Video Control - Play, stop, drop
- Audio Enable/Disable
- Live View Setting - OSD, enable playing sound on event, POS OSD

### Playback & Search

- Playback Maximum 4/8/4 channels
- Grip Type - 1/4/9/fullscreen
- Time Bar
- Que in and Que out
- Video Control - Play, stop, pause, forward, backward, next, previous
- Digital zoom in for specific area
- Speed up and Speed down
- Audio Control
- Video Enhancement - Visibility, sharpen, brightness, contrast, grey scale
- Export video to "AVI" and "ASF" file
- Export single frame to "BMP, JPEG" file and print out
- Print
- Back up video by burning to disc and into hard disk
- Intelligent Search
  - General Motion
  - Foreign Object
  - Missing Object
  - Loss Focus
  - Camera Occlusion
- Easily search the period of recording data and unusual event by clicking the button: the most efficient way to get the recording information.
- POS Search - Keyword, search within result

### POS

- Live View - Live view the transactions and image
- Record and Playback - Record and search every transaction of ATM and perform validity checks
- POS Search-Keyword, search within result

### Event & Action

- 3 Camera Events and 3 System Events
- Camera Events:
  - Connect Lost
  - Motion from Camera
  - Camera Input
- System Event:
  - Disk Space Exhausted
  - Unable to access FTP (Auto Backup)
  - Backup unfinished (Auto Backup)
- Immediate Reaction for Event Detection:
  - Camera Output
  - E-mail
  - CMS
- Daily System Report through E-mail - System information, HDD status, Disk status

### RAID & File System

- RAID - 0, 1, 5, 5+spare, 10
- Online RAID Capacity Expansion
- Online RAID Level Migration
- HDD S. M. A. R. T
- 1.5 TB HDD Support
- Hot Swap
- Auto Backup - Automatically backup the recorded video of the date before to FTP server

### Remote Server and Control

- Remote Live Viewer by client application program - Display maximum 16 channels
- Remote Playback System by client application program - Playback maximum 16 channels
- Remote Backup System by client program - Backup data on hard disk/CDROM; delete data

### Others

- Privilege of Remote User - Administrator, power user, user, guest user
- Log System - Hardware log, NVR log, NVR Event log
- Save/load configuration
- Support APC UPS - Smart-UPS 750, Back-UPS ES
- Language Support - English, Japanese, Traditional Chinese, Spanish, Deutsch, French, Italian, Russian, Czech, Korean, Polish

## Technical Specifications

Model	A NAS-E1016
Recording Cameras	1~16
Number of Drives	4xSATA II
RAID Level	RAID 0, 1, 5, 10
I/O Interface	2xUSB 2.0 (for UPS)
LAN Transmission Speed	10/100/1000 Mbps (RJ45)
Voltage	100-230V
Dimension (device)	188.2 x 152.5 x 227.6 mm
Weight (device)	2.5 kg (5.5lbs) without drives
Temperature	Operating: 5°C to 35°C
Humidity	Operating: 10% -85%

► Specifications are subjected to change without prior notice.