

Most Complete and Flexible IP Solutions

Asoni
Network Surveillance Solution

Standalone NVR

16/8CH - NVR516/508



Compatible with major camera brands :
Asoni, Axis, Panasonic, Sony

4 CH - NVR504B



Feature :

- Various Types of Event Alerts
- Pure Web Based Administration
- Multiple User Level Access Control
- Free 256CH CMS Software
- Linux-embedded Standalone Recorder
- Manage up to 16 / 8 / 4 Network Cameras
- Up to 480FPS@Full-D1 Video Recording
- High Quality Live/Playback Video

Free
Central Management System

Support **5** monitors



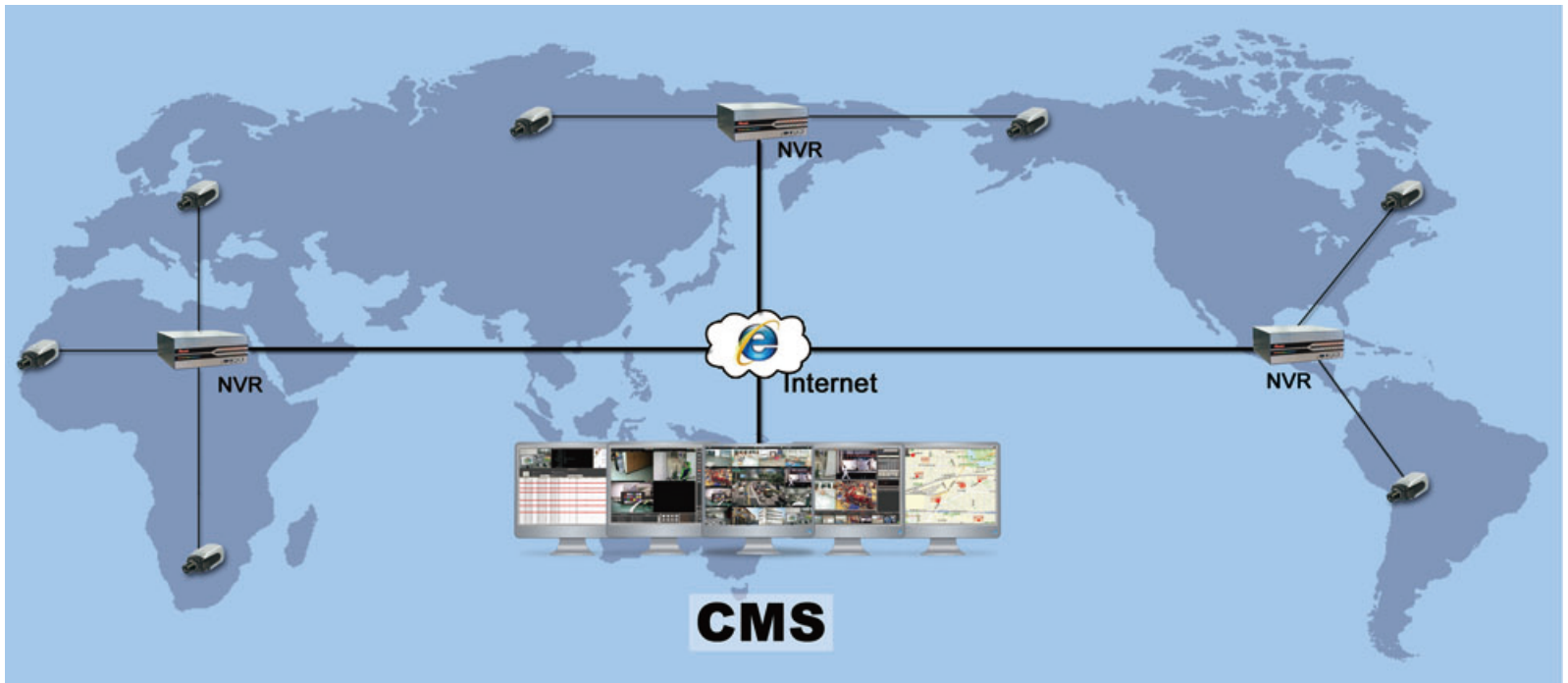
Feature : NVR + CMS

- Asoni Central Basic support up to 16 NVRs (max:256 channels)
- PC based software for managing NVRs
- Various split-window for view multiple channels
- Instant event notification and automatic playback
- Support multi-screen up to 5 monitors (2 Live view, 1 Playback, 1 E-map, 1 Event monitor)
- Smart motion detection to enhance the detection ability of camera
- Mouse-over-video PTZ control
- Picture-in-picture dual layers E-map and Google-map monitor
- Flexible video screen assignment
- Compatible with major brand cameras (Asoni, Axis, Sony, Panasonic)
- CMS build-in intelligent video system provides: Object loss, Malicious attack and Trip-wire detections

Asoni

URL: <http://www.a-soni.com>

Email: marketing@a-soni.com



NVR Technical Specifications

Camera		Live View	
Support model	Asoni, Axis, Panasonic, Sony Cameras	Display mode	Live Vie / Playback / Full Screen
Add camera	Manual / Smart Search Camera	Split screen	1 / 4 / 16
Max. channels	NVR516:16CH / NVR508:8CH / NVR504B:4CH	PTZ support	Virtual PTZ / Auto Pan / Preset Point / Preset Sequence
Video		Sequence mode	Sequence All / Manually Selected camera in 1 or 4 split view with configurable timer
Compression	H.264 / MPEG4 / MJPEG	Snapshot	JPEG format
Resolution	Mega-Pixel / Full-D1 / CIF / QCIF	Triggers & Events	
Max. frame rate	NVR516: 480fps / NVR508:240fps / NVR504B:120fps	Events	System Events : Start / Shutdown, System Setting modified, Camera Settings Modified, Start Recycle, Disk Full
Playback		Event actions	Http / Mail / FTP / Buzzer / Recording
Split screen	1 / 4	Event recording	Pre / Post Event Settings
Search method	Time / Date, Event	User Management	
Playback Controls	Play / Pause / Stop / Forward / Reverse Speed Adjust / Frame by Frame	Management	User / Group
Recording		Group numbers	7 (Adminstrator / Guest / User Define x5)
Capacity	Up to 3TB (1.5TB HDD x 2)	Privileges	Live View / Playback / Configurations (System, Camera, Recording, Event) / Maintenance
Recording mode	Manual / Continuous / Scheduling / Event		
Scheduling types	Manual Select / Day Mode / Night Mode / Weekend Mode		

CMS Technical Specifications

Device		Video	
Support device	NVR516 x 16 (up to 256 channels) NVR508 x 16 (up to 128channels) NVR504B x 16 (up to 64 channels)	Compression	MJPEG / MPEG4 / H.264
Playback		Resolution	Mega-Pixel / Full D1 / CIF / QCIF
Split screen	1 / 4	Max. frame rate	25 / 30 Full-D1 (configurable)
Search mode	Time / Date, Event (thumbnails)	Live View	
Event search	All / Time / Channel / Event type, ID	Multi-Monitor	Up to 5 monitors can be automatically detected for viewing different funciton windows simultaneously
Playback control	Play / Pause / Stop / Forward / Reverse / Frame by Frame / Event By Event	Display Mode	Live view / E-map / Event monitor / Playback / Full screen x 2
Trigger & Event		Split Screen	1 / 4 / 6 / 9 / 13 / 16
Event detection	Smart Motion Detection / NVR Digital input & output / Object loss / Malicious attack / Trip-wire / System Status / Camera Status	Pattern Display	User self-define patterns
Event notification	On-Screen Alert/On-screen Motion Display / Mail / FTP / Configurable Alert Sound / Record	PTZ Controls	Pan / Tilt / Zoom / IRIS / Focus / Speed control
Intelligent Detection		Sequence Mode	Sequence All / Manually Selected cameras in 1 / 4 / 6 / 9 split view / Self-define patterns with configurable timer
Types	Motion Detection / Tamper Detection / Object Loss / Tripwire	E-map View	Dual Layer E-Map Display (main map and its sub-maps)
		Snapshot	Live videos display on map
		Single / Continuous snapshot in JPEG format	



Asoni Central Basic



- ▶ Free CMS software, support up to 16 NVRs (256 Channels)
- ▶ PC based software for managing NVR
- ▶ Various split-window for multiple channels
- ▶ Event notification and auto playback
- ▶ Support 5 monitors for managing multi-task
- ▶ Smart motion detection
- ▶ Picture-in-picture E-Map Monitor

Asoni Central Basic is the central management solution designed specifically for Asoni NVR Network Video Recorder, adding the scalability for NVR to fulfill applications ranging from small to larger businesses' environments. It also adds value to NVR with advance functions such as multi-display management, E-Map Monitor, and motion detection, making the NVR Network Video Recorder a truly valuable surveillance solution for most applications.

Asoni NVR + Central Basic

- ▶ Free CMS software - Asoni Central Basic support up to 16 NVRs (256 Channels)
- ▶ PC based software for managing NVRs, including live view, playback and event monitor
- ▶ Various split-window for view multiple channels
- ▶ Instant event notification and automatic playback
- ▶ Support multi-screens up to 5 monitors for managing multi-task and multi-function
- ▶ Smart motion detection to enhance the detection ability of camera
- ▶ Mouse-over-video PTZ control
- ▶ Picture-in-picture E-Map Monitor
- ▶ Flexible video screen assignment
- ▶ Compatible with Major Brand Cameras
- ▶ Support H.264

Feature Highlights

256 CH	Asoni Central Basic can manage a total of 16 Asoni NVR516 Network Video Recorders. Each NVR516 is capable of connecting 16 network cameras. With Asoni Central Basic, a whopping 256 cameras can be managed from a single PC at one central location.
Motion Detection	Asoni NVR516/508/504B Network Video Recorder does not come with built-in motion detection function. However, with Asoni Central Basic installed on the management PC, motions can be detected and objects moving in the video will be highlighted for easier identification.
Mouse-over-Video PTZ	Asoni Central Basic provides the “Mouse-over-video” PTZ for a more intuitive PTZ control. Simply hover your mouse cursor onto the video and click anywhere within it to point the camera to that position.
H.264	Both Asoni Central Basic and NVR516/508/504B supports the latest video compression technology allowing you to gain the maximum video quality while keeping your network bandwidth sufficient for other applications.
Multi-Monitor	Asoni Central Basic provides multi-screen management allowing users to multi-task with multiple functions on different monitors.
Auto Detect	Asoni Central Basic can automatically detect any new NVR516/508/504B that’s been added onto the local area network. This allows users to add additional NVR without knowing its current IP address that helps reduce the management overhead.
Advance E-Map	Asoni Central Basic’s dual layer E-Map gives users a clear overview of where NVR516/508/504B and their cameras are located. The top layer displays the locations of each NVR516/508/504B and the sub-layer displays camera locations. Both layers provide on-the-fly instant notifications with videos displayed whenever there is an event trigger.
Intelligent Detection	Asoni Central Basic support advanced intelligent detection: motion detection, tamper detection, object loss and tripwire. CMS can analyze automatically when event trigger and then notify user immediately.

Technical Specifications

Device

Supported Device	16 x NVR516/508/504B Network Video Recorder
Max. Channels	256

Video

Compression	MJPEG / MPEG-4 / H.264
Resolution	MegaPixel / Full-D1 / CIF / QCIF
Max. Frame Rate	25 / 30 Full-D1 (Configurable)

Audio

Streaming	One-way
Compression	G.711 / G.726 (* G.726 on supported Panasonic Models only)

Live View

Multi-Monitor	Up to five monitors can be automatically detected for viewing different function windows simultaneously
Display Mode	Live View / E-Map View / Event Monitor / Playback / Full Screen x 2
Split Screen Pattern	1 / 4 / 6 / 9 / 13 / 16 User self-define patterns
Display Mode Full Screen	16 videos
PTZ Controls	Pan / Tilt / Zoom / IRIS / Focus / Speed Control
PTZ Functions	Virtual PTZ Panel / Mouse-over-video PTZ / Auto Pan / Preset Point
Sequence Mode	Sequence All / Manually Selected cameras in 1/4/6/9 split view / Self-define patterns with configurable timer
E-Map Monitor	Dual Layer E-Map Display (main map and its sub-maps) Live videos display on map
Snapshot	Single / Continuous snapshot in JPEG format
Motion Display	Edge Paint / Matrix Highlight / ROI

Network

Protocols	TCP/UDP/HTTP/FTP/SMTP/DHCP/DNS/ARP/ICMP/NTP/UPnP/RTP/RTSP/RTCP
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E-Map Monitor

Display	PIP Video Integrated on E-Map
Event trigger	Pop-up video displayed on the map

Playback

Split Screen	1/4
Search Methods	Time / Date, Event (thumbnails)
Event Search	All / Time / Channel / Event Type / Event ID
Playback Control	Play / Pause / Stop / Forward (Speed adjustable) / Reverse (Speed Adjustable) / Frame by Frame / Event By Event

Triggers & Events

Motion Detection	Smart Motion Detection/NVR Digital input & output
Motion Display	Edge Paint / Matrix Highlight / ROI
Event Detection	Motion / Digital input & output / System Status / Camera Status
Event Notifications	On-Screen Alert / On-screen Motion Display / Mail / FTP / Configurable Alert Sound / Record

Status

Camera Status	Disconnected / Connected / Recording / Event (Motion or sensor)
System Info	System Time / Login Users / System Logout / Network Bandwidth
Motion Display	Edge Paint / Matrix Highlight / ROI

Systems

Minimum Requirements	CPU: Intel Pentium 4 or higher @ 2Ghz RAM: Minimum 1GB, 2GB or above is recommended Graphic Card: Independent graphic card with DirectX9.0c or higher Network: 100 Megabit Network Interface or above OS: Windows XP, Vista, Windows 7
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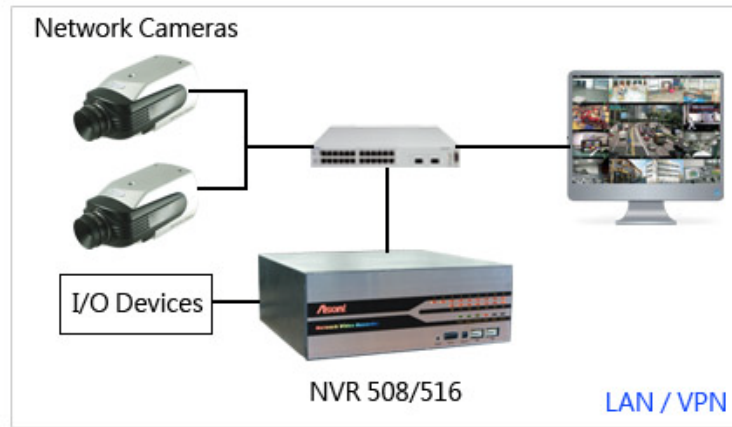
General

Languages	English / Trad. Chinese / Simp. Chinese / Japanese / Spanish
Documents	CD with quick guide and user's manual

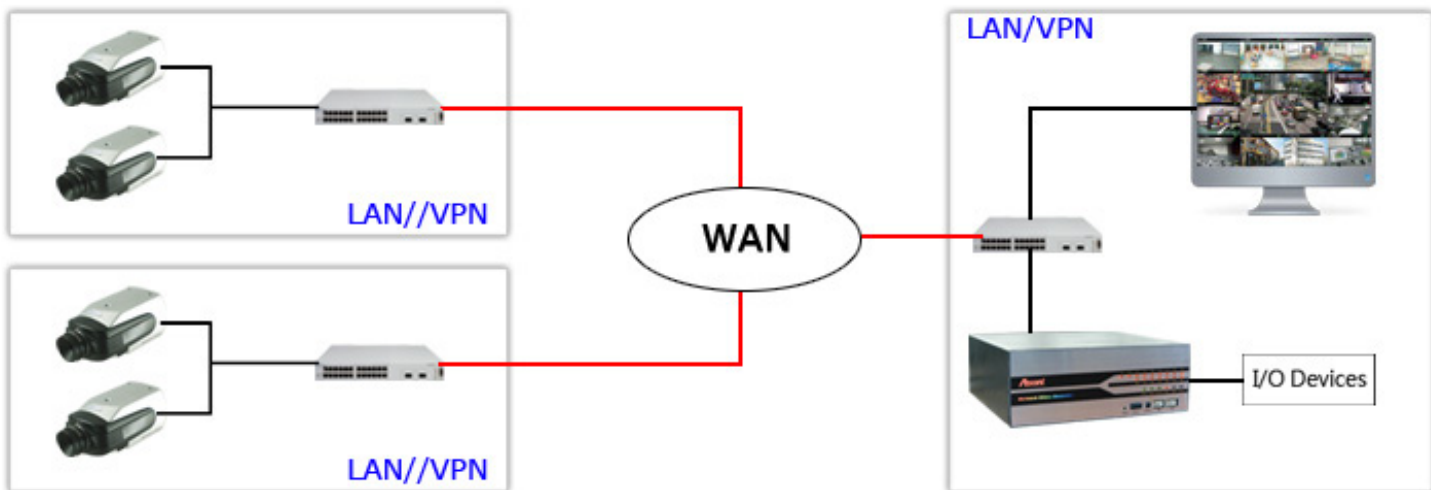
Intelligent Detection

Types	Motion / Tamper / Object Loss / Tripwire
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Small



Medium



Large

