16CH Network Video Recorder

16CH **9HDD** **RAID** **5MP Camera** **1080P Video** **eSATA** **8-Alarm Input** **PTZ Virtual Panel** **Free Android APP** **Free iOS APP**

Product Overview

Asoni NVR6016LX-RAID is a profession network video recorder with high capacity storage. The built-in RAID system manages up to 9 HDDs and 36TB total storage, and you can expand the recording space with an eSATA external storage if necessary. With 100Mbps throughput, the NVR can record and view up to 16pcs of 5 Mega-pixel IP cameras simultaneously.

Asoni NVR6016LX-RAID can be quickly and easily configured into your existing local network along with Asoni H.264 IP cameras. You can control, record, and view live videos right on local display monitor, or through a web browser from PC on the network.

When you are on the road or travel away from your home or office, Asoni NVR6016LX-RAID gives you the same level of user experience as you are inside your home or office network.

Features

▸ Linux-based standalone NVR

▸ Manage up to 16 IP cameras

▸ Supports 5 Mega-pixel IP cameras

▸ Up to 480FPS, each channel@30FPS

▸ Manual / schedule / event recording

▸ Various types of event alerts

▸ Built-in 2 RAID controllers, supports RAID-1 / RAID-5

▸ Supports SATA HDD x 9 (Max. 36TB)

System

CPU / OS	ARM Cortex 9 / Embedded Linux
Network	Dual Gigabit Ethernet ports
Video Output	VGA x 1, HDMI x 1, up to 1920x1080
USB Connector	USB 2.0 x 2, for mouse or USB storage
eSATA Connector	eSATA x 1, for external eSATA storage
Audio Input	3.5mm jack to connect microphone
Audio Output	3.5mm jack to connect amplified speaker
Digital I/O	Digital Input x 8, Relay Output x 1
Record Storage	Internal Storage:
	RAID Controller 1: SATA HDD x 4
	RAID Controller 2: SATA HDD x 5
	Mode: None-RAID, up to 36TB total
	RAID-1, up to 16TB total
	RAID-5, up to 28TB total
	External Storage:
	eSATA HDD
Network Protocol	HTTP, TCP/IP, RTP/RTSP, 3GPP, SMTP, FTP, PPPoE, DHCP (Server & Client), DDNS, NTP, UPnP
Mouse Control	Yes
Authority Control	Password protection
System Monitor	Watchdog
Power Supply	DC 12V, 5A
Dimensions	W430 x H88 x D382 mm
Operating Temp.	0~45°C / 32~113°F
Humidity	0~80% RH (non-condensing)

Video / Audio

Channel	Max. 16 channels recording and display
Support IPCam	Up to 5 Mega-pixel 2592x1944 H.264, MJPEG compression mode
Frame Rate	Up to 30FPS per channel
Throughput	Up to 100Mbps
2-Way Audio	Hearing voice from IP camera Chatting or broadcasting to IP cameras

Recording

Record Format	Depends on IP camera
Record Resolution	Depends on IP camera Up to 5 Mega-pixel 2592x1944
Record FPS	Depends on IP camera, up to 30FPS
Record Mode	Manual / Schedule / Event
HDD Management	Overwrite when HDD is full / Auto delete data after selected days

Live View

Split Screen	1, 4, 9, 16, Full screen
Event Notification	On screen icon / buzzer notification
PTZ Control	Yes
Digital Zoom	Yes
Privacy Mask	Yes
Channel Identify	Yes, Max. 20 characters for channel name

Playback and Backup

Search Method	Date / Time / Event, select from calendar
Log Search	Select video from Log table
Backup	Backup to USB storage

Event System

Event Trigger	Motion / Digital Input / Video Loss
Trigger Actions	Recording / E-Mail / FTP / Buzzer Warning

Remote Client Access

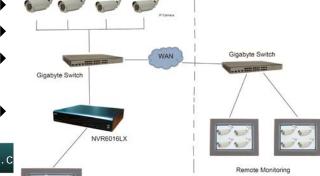|	
Client Software	Windows PC: IE V7.0 (32-bit) or above Android / iOS smart phone: "iCAM Smart"
Connected Clients	Up to 4 clients simultaneously
Remote Operation	Live view / Playback / Setup / Backup
PC Requirement	OS: Windows 7, Vista, XP Suggested Hardware: Intel Core 2 Duo 2.53GHz, RAM: 1GB

Packing Content

Connection Diagram

▸ eSATA connector connects to external storage for expansion
▸ Supports HDMI/ VGA connectors, display resolution up to 1920x1080