



EasyNet™ NVR Ultra Series EN-U3000



Product Description

- Available in 30-ch
- Embedded Linux operating system
- Pentaplex function - simultaneous live / record / playback / network / file copy
- Recording compression method: H.264
- NVR control options: Front panel, IR remote, and PC mouse
- File copy method: Built-in DVD burner or USB flashdrive
- 6 - Hot swappable HDD bays
- Multi-channel audio support via EasyNet camera
- Watermark
- Time synchronization between multiple DVRs & NVRs
- Firmware upgrade via USB or network
- VMS Pro - Windows PC & Mac compatible
- Free mobile app
- Free DDNS service

Advanced Features



Multi-Layer Streaming™

When monitoring live over a network, EasyNet™ NVRs transmit 3 video streams simultaneously for optimal network performance. Independent of the actual frame rate and resolution being recorded by the NVR, these secondary and tertiary streams represent an ideal solution for low bandwidth environments such as DSL and 3G networks.

- Primary Stream (H.264): User defined recording frame rate & resolution per channel
- Secondary Stream (H.264): 2pps @ CIF per channel(Fixed)
- Third Stream (M-JPEG): 2pps @ CIF per channel(Fixed)



Copy Files & Playback from NVR

For your convenience, recorded files can be copied and archived to a USB flashdrive or CD/DVD in multiple formats.

- NVF (NUVICO File System) - Our new proprietary & tamper proof file system, also allows playback from any EasyNet™ NVR
- EXE (NVF w/ mini player)
- MP4 - A standard format where copied files can be reviewed from Windows PC or Mac, without using any 3rd party software



Widescreen Support (16:9)

New EasyNet™ NVRs utilize the latest HD Mux & Decoder chip sets available. Designed to accommodate modern-day HD widescreen monitors, EasyNet™ NVRs deliver industry-leading display resolution.



EasyNet Touch™ - Free Mobile App

NUVICO's new app allows the user to access video streams directly from EasyNet™ NVRs to their handheld devices over Wi-Fi or 3G/4G networks. In addition to remote video monitoring, our powerful app incorporates many advanced features required in everyday security environments:

- Display up to 30 cameras in both live view & playback
- Favorite camera group setup from multiple NVRs
- Instant playback
- Time Search
- NVR status icons - Recording On/Off, Video Loss & HDD fail
- PTZ controls



Multi-Layer Recording™

A derivative of NUVICO's exclusive Multi-Layer Streaming™ technology, Multi-Layer Recording allows a user to quickly review recorded files over a network, which is as important as live video monitoring. Multi-Layer Recording™ gives you the option to record 3 independent video streams in tandem. This powerful function makes faster remote search and playback possible. This feature is especially useful when performing multi-channel playback over a low bandwidth network.

- Primary Stream (H.264): User defined recording frame rate & resolution per channel
- Secondary Stream (H.264): 2pps @ CIF per channel (Fixed)
- Third Stream (M-JPEG): 1pps @ CIF per channel (Fixed)



RTSP: Real Time Streaming Protocol

In addition to Multi-Layer Streaming™, we have integrated an RTSP server into the new EasyNet™ NVRs. RTSP enables an unlimited number of users to access live video streams using a common media player such as QuickTime™, which is available for both a Windows PC and Mac. Simple but effective, this is an ideal approach to applications requiring a large number of simultaneous users, such as a university campus, construction site, day-care center, pet shop, marina, and the like.




EasyNet™ VMS Pro

Our new multi-site management software exclusively developed for new EasyNet™ NVRs, as well as our upcoming EasyNet™ IP cameras and NVRs. Built on a universal software platform, EasyNet™ VMS Pro works flawlessly on both a Windows PC and Mac.

- Register and manage up to 1,000 NVR sites
- View up to 128 cameras from multiple sites simultaneously
- Memory reserve for event and system status log - 10,000 events
- Intelligent PC resource & network bandwidth management
- E-map
- 2 - way Audio
- Multiple monitor support
- Windows PC & Mac compatible



Technical Specifications

EasyNet™ NVR Ultra Series	EN-U3000 
Video Format	NTSC / PAL Auto Detect
Video Compression	H.264
Operating System	Embedded Linux
Pentaplex Function	Simultaneous Live / Record / Network / Playback / File Copy
Max No. Cameras	30
Maximum Recording Rate & Resolution	900pps @ 4CIF 450pps @ 2MP
Monitor Output	
- Main 1	DVI/HDMI (1920 x 1080), VGA
- Main 2	BNC
Network Transmission Method	
- Primary Stream	H.264 @ User-defined resolution
- Secondard Stream	H.264 @ CIF
- Third Stream	M-JPEG @ CIF
Internal Storage	6 Removable HDD bays (Up to 12TB)
Mirror Recording	N/A
Audio In/Out	N/A
Audio Over Network	2-way
PTZ Dome & Controller Interface	TBD
Network Port	Gigabit Ethernet
Built-in Copy Device	CD / DVD Burner (Max 4GB Clips)
External Copy Device	USB Flashdrive (Max 2GB Clips)
USB Ports	2 Front, 2 Rear
Recording Modes	Continuous, Schedule, and Motion.
Recording Adjustments	Frame rate per channel
Pre-event & Post-event Recording	Pre-recording: 3 sec. per channel / Post-recording: 240 sec. per channel
Search Mode	Time / Calendar / Event Search / Preview
Alarm Notification	Pop up, buzzer, e-mail, and relay
Watermark / Time Synchronization	Yes / Yes
Power Failure Recovery	Auto reboot while maintaining system settings
Rack Mount Kit	Yes
Operating Temperature	41°F ~ 104°F (0°C ~ +40°C)
Dimensions (W-D-H) mm	17.32" x 17.48" x 6.97" (440mm x 444mm x 177mm)
Power Input	AC 100 ~ 240V, 50/60 Hz, 170W Max, Typical 120W

Available Models

HDD Capacity	Model Number
2TB	EN-U3020
4TB	EN-U3040
6TB	EN-U3060
8TB	EN-U3080
10TB	EN-U30100
12TB	EN-U30120

*Minimum System Requirements (Single site mode)

OS:	Windows 7 or Mac OS X 10.6
CPU:	Core 2 Duo
Memory:	2GB
Video Card:	1GB
Network:	100Mbps

*Preferred System Requirements (Multi-site mode)

OS:	Windows 7 or Mac OS X 10.7
CPU:	Core i7
Memory:	16GB
Video Card:	8GB
Network:	1Gbps

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