

EV™ Series

4-CH, 8-CH, & 16-CH Economy Level DVR

EV-4000N • EV-8000N • EV-16000N

NTSC



KEY FEATURES

- 4, 8 or 16 channels
- Supports NTSC & PAL Standards
- Embedded Linux operating system
- Built-in multiplexer
- Triplex function - simultaneous record / playback / network
- Recording compression method: MPEG-4
- Multiple main video outputs: 1 main composite, 1 spot, 1 VGA
- User friendly graphic menu
- Built-in Backup device: DVD-RW
- External backup device support: USB Flashdrive
- Internal HDD bays (SATA): 1 (Up to 1TB)
- 1-ch Audio with remote audio over network
- Watch dog / power failure recovery
- Watermark
- RS-422/485 for PTZ speed dome and Controller Keyboard (NVCK-3X)
- Support various PTZ protocols
- Time synchronization between multiple DVRs
- Firmware upgrade via USB
- IR remote controller - Control up to 99 DVRs

NETWORK FEATURES

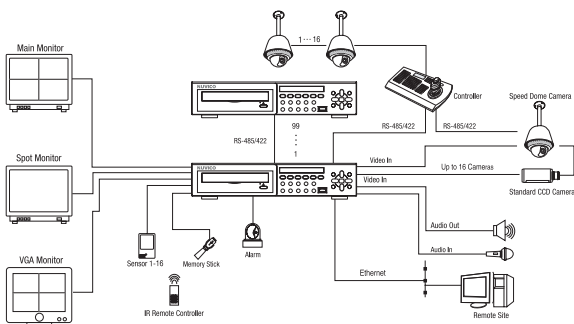
- Web based Live Viewer
- CMS Lite (Dedicated Client Software)
- 2 Simultaneous users
- Up to 4-ch Audio with remote audio over network (8, 16-ch)
- Free Dynamic DNS Service for Plug-n-Play Remote Connection

TECHNICAL SPECIFICATIONS

Technical Specifications	EV-4000N	EV-8000N	EV-16000N
Video Format	NTSC/PAL		
Operating System	Embedded Linux		
Triplex Function	Simultaneous Record / Playback / Network		
Video Input	4	8	16
Multiple Main Monitor Outputs	1 Main Composite, 1 Spot, 1 VGA		
Video Compression Method	MPEG-4		
Average File Size	2.5 ~ 8KB		
Maximum Recording Rate & Resolution	120pps @ 360 x 240 60pps @ 720 x 240 30pps @ 720 x 480	120pps @ 360 x 240 60pps @ 720 x 240 30pps @ 720 x 480	120pps @ 360 x 240 60pps @ 720 x 240 30pps @ 720 x 480
Alarm In / Out	4 / 2	8 / 2	16 / 2
Audio In / Out	1 / 1	4 / 1	4 / 1
System Control	Key buttons, IR Remote controller, Remote client PC, NVCK-3X		
PTZ Dome & Controller Interface	RS-422 / RS-485		
Features	EV-4000N	EV-8000N	EV-16000N
Display Settings	Brightness, Contrast, Color adjustments, Hidden / Covert per channel		
Camera Title	12 characters per channel		
Recording Modes	Continuous, Schedule, Alarm, and Motion		
Recording Adjustments	Frame rate and picture quality adjustment per channel		
Pre-Alarm & Post Alarm Recording	Pre-alarm: 2 sec. per channel / Post-Alarm: 10 sec. ~ 300 sec.		
Motion Detection	16 selectable grids / 20 sensitivity levels		
Search Mode	Time/Date, Camera, Alarm, Motion		
Power Failure Recovery	Auto reboot while maintaining previous system settings		
E-mail Notification	External alarm, video loss, power loss, HDD failure		
System Utility	Auto key lock/ disk check / fan lock detection		
User Level	1 Admin, 5 Configurable users		
Communication Port	RS-422, RS-485		
Internal Storage Bays	1 Internal HDD bay (Up to 1TB)		
Built-in Backup Device	DVD-RW		
Mini-Player for Backup	Auto installation into DVD during backup		
Watermark	Yes		
Network	LAN, WAN, Internet		
Rack Mount Kit	No		
General Information	EV-4000N	EV-8000N	EV-16000N
Power	100 - 240VAC (50 / 60Hz), Universal		
Dimensions (WxDxH)	13.2" x 15.6" x 2.8"		
Weight	8.8 lb		
Power Input	AC 100 ~ 240V, 50 / 60Hz, Universal		

*specifications are subject to change without any prior notice.

SYSTEM CONFIGURATION



REAR VIEW

