



KEY FEATURES

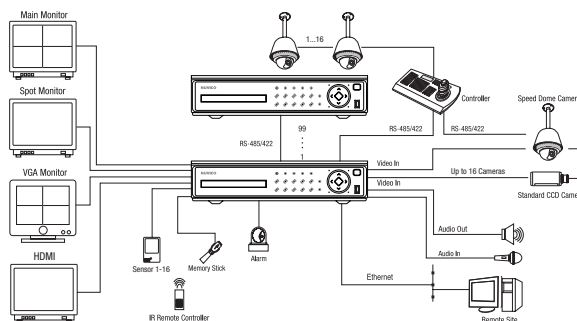
- 4, 8 or 16 channels with embedded Linux operating system
- Supports NTSC & PAL Standards
- Built-in multiplexer
- Triplex function - simultaneous record / playback / network
- **Compression method: H.264**
- Multiple main video outputs: 1 main composite, 1 spot, 1 VGA, 1 HDMI
- Easy-to-Use Graphic User Interface
- **Touch Sensitive Front Panel Interface**
- External backup device support: USB Flashdrive
- Internal HDD bays (SATA): (Up to 1TB)
- Watch dog / power failure recovery
- Watermark
- RS-422/485 for PTZ speed dome and Controller Keyboard (CK-1000)
- Support various PTZ protocols
- Firmware upgrade via USB
- IR remote controller - Control up to 99 DVRs

NETWORK FEATURES

- CMS Lite (Dedicated Client Software)
- 2 Simultaneous users
- Up to 4-ch audio with remote audio over network
- Free Dynamic DNS Service for Plug-n-Play Remote Connection
- **Free Web-based Mobile Viewer**
- **Hassle-free port forwarding: Automatically open ports for router communication with UPnP compliance.**

Compatible UPnP Router Models: Linksys E1000, Netgear WGB614v10, WNDR3300, D-Link DIR-655, DIR-825, Belkin F7D4302v1

SYSTEM CONFIGURATION



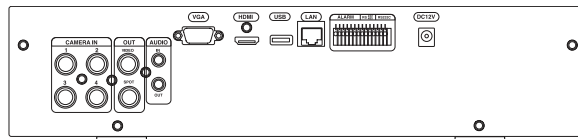
TECHNICAL SPECIFICATIONS

Technical Specifications	EV-400N	EV-800N	EV-1600N
Video Format	NTSC		
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, 1 HDMI		
Video Compression Method	H.264		
Average File Size	2.0 ~ 9.6KB		
Maximum Recording Rate & Resolution	120pps @ 360 x 240 60pps @ 720 x 240 30pps @ 720 x 480		
Alarm In / Out	4 / 1	8 / 2	16 / 2
Audio In / Out	1 / 1	4 / 1	4 / 1
System Control	Key buttons, IR Remote controller, Remote client PC, CK-1000		
PTZ Dome & Controller Interface	RS-422 / RS-485		
Features	EV-400N	EV-800N	EV-1600N
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		
Pre-Alarm & Post Alarm Recording	Pre-alarm: 3 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		
User Level	1 Admin, 5 Configurable users		
Communication Port	RS-422, RS-485		
Internal Storage Bays	1 Internal HDD bay (Up to 1TB)		
Mini-Player for Backup	Auto installation into USB Flash drive during backup		
Watermark	Yes		
Network	LAN, WAN		
Rack Mount Kit	No		
General Information	EV-400N	EV-800N	EV-1600N
Power	100 - 240VAC (50 / 60Hz), Universal		
Dimensions (WxDxH)	13.80" x 8.07" x 3.15" (350mm x 205mm x 80mm)		
Weight	7.2 lb (3.03 Kg)		
Power Input	DC 12V, 50W		

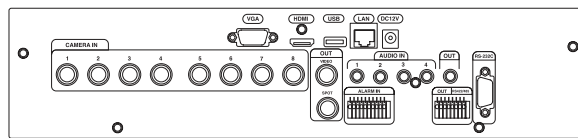
*Specifications are subject to change without any prior notice.

REAR VIEW

EV-400N



EV-800N



EV-1600N

