



LDR - LCD DIGITAL RECORDER

EL-4000N • EL-8000N

NTSC



KEY FEATURES

- LCD Protective Glass
- Built-in Speakers
- 4 or 8 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
- User friendly graphic menu
- Removable HDD bays (SATA): 1 (Up to 1TB)
- Watch dog / power failure recovery
- RS-422/485 for PTZ speed dome
- Support various PTZ protocols
- Time synchronization between multiple DVRs
- Software upgrade via USB
- Watermark
- IR Remote controller - Controls up to 99 DVRs

NETWORK FEATURES

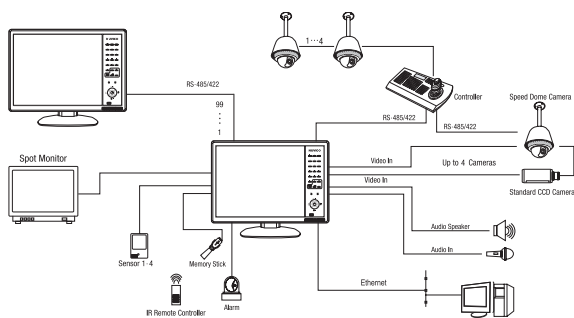
- Web based Live Viewer
- Dedicated Client Software (CMS Lite)
- 2 Simultaneous users
- Remote audio over network
- Proprietary Dynamic DNS Service for Plug-n-Play Remote Connection

TECHNICAL SPECIFICATIONS

Monitor Specifications	EL-4000N	EL-8000N
Screen Diagonal	19.0 Inches (482 mm)	
Pixel-Pitch	0.294mm x 0.294mm	
Pixel Format	1280 x 1024 Pixels	
Color Depth	16.2M (True Colour)	
Surface Treatment	Hard Coating (3H) / Reinforced Glass	
Viewing Angle	160° / 160°	
Contrast Ratio	1000 : 1	
Brightness Uniformity	80%	
Average Brightness	300 cd/m ²	
Response Time	5msec	
DVR Specifications	EL-4000N	EL-8000N
Video Format	NTSC/PAL auto detect	
Operating System	Embedded Linux	
Quadruplex Function	Simultaneous Record / Playback / Network / Backup	
Video Input	4	8
Video Output	1 Main Composite	
Video Compression Method	MPEG-4	
Average File Size	2.5 ~ 8KB	
Maximum Recording Rate	120pps @ 360 x 240	
& Resolution	60pps @ 720 x 240	
	30pps @ 720 x 480	
Alarm In / Out	4 / 1	8 / 2
System Control	Key buttons, IR Remote controller, Remote client PC, NVCK-3X	
Audio Input / Speakers	1 / Built-in	4 / Built-in
PTZ Dome & Controller Interface	RS-422 / RS-485	
Display Settings	Brightness, Contrast, Color adjustments, Hidden / Covert per channel	
Camera Title	12 characters per channel	
Recording Modes	Continuous, schedule, alarm, motion	
Recording Adjustments	Frame rate, and picture quality per channel	
Pre-Alarm & Post Alarm Recording	Pre-alarm: 2 sec. per channel / Post-Alarm: 10 sec. ~ 300 sec per channel	
Motion Detection	16 selectable grids / 20 sensitivity levels	
Search Mode	Time/Date, Camera, Alarm, Motion	
Power Failure Recovery	Auto reboot while maintaining 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	
Backup Device	Yes	
Removable Storage Bays	1 HDD bay (Up to 1TB)	
Watermark	USB Thumbdrive	
Communication Port	RS-232C, 2 RS-485	
Network	LAN, WAN, Internet	
Audio Over Network	Yes	
General Informations	EL-4000N	EL-8000N
Operating Temperature	32°F ~ 104°F	
Dimensions (WxDxH)	13.8" x 3.2" x 16.3"	
Weight	12.3 lb	
Power Input	DC 12V, 5 Amp	

*specifications are subject to change without any prior notice.

SYSTEM CONFIGURATION



DIMENSIONS

