

APEX™ Lite Series

4-CH, 8-CH, & 16-CH Mid-Range DVR

AL-400 • AL-800 • AL-1600

NTSC



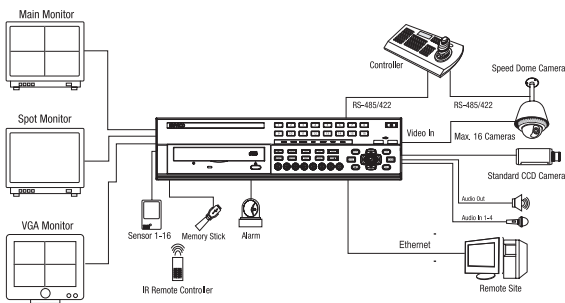
KEY FEATURES

- 4, 8 or 16 channels
- Embedded Linux operating system
- Built-in multiplexer
- Quadruplex function - simultaneous record / playback / network / backup
- Recording compression method: MPEG-4
- Real-time live display & recording per channel
- Multiple main video outputs: 1 main composite, 1 spot, 1 VGA
- User-friendly graphic menu & Intuitive Mouse GUI
- Hidden / Covert camera function
- Built-in Backup device: DVD-RW
- External backup device support: USB Flashdrive
- Internal HDD bays (SATA): 2 (Up to 2TB)
- Mini player: auto installation into DVD during backup
- Watch dog / power failure recovery
- 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 or Network
- POS Support
- IR remote controller

NETWORK FEATURES

- EasyNet WebViewer (IE 6.0 and 7.0)
- EasyNet VMS Lite (Multi-site Client Software)
- Network transmission method: MPEG-4 / M-JPEG selectable
- Multi-Layer Streaming™
- 10 Simultaneous users
- 2-Way audio over network
- Smart Search over Network
- Free Dynamic DNS Service for Pulg-n-Play Remote Connection

SYSTEM CONFIGURATION



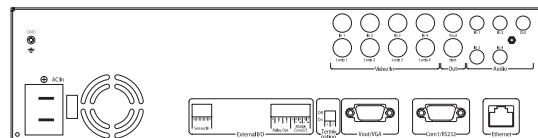
TECHNICAL SPECIFICATIONS

Technical Specifications	AL-400	AL-800	AL-1600
Video Format	NTSC/PAL auto detect		
Operating System	Embedded Linux		
Quadruplex Function	Simultaneous Record / Playback / Network / Backup		
Video Input	4	8	16
Multiple Main Monitor Outputs	1 Main Composite, 1 Spot, 1 VGA		
Loop Out	4	8	16
Live Displays	1, 4	1, 4, 8	1, 4, 9, 16
Playback Displays	1, 4	1, 4, 8	1, 4, 9, 16
Video Compression Method	MPEG-4		
Network Transmission Method	MPEG-4 / M-JPEG Selectable		
Average File Size	1.7 ~ 17KB		
Maximum Recording Rate & Resolution	120pps @ 360 x 240 120pps @ 720 x 240 120pps @ 720 x 480	240pps @ 360 x 240 240pps @ 720 x 240 120pps @ 720 x 480	480pps @ 360 x 240 240pps @ 720 x 240 120pps @ 720 x 480
Alarm In / Out	4 / 2	8 / 2	16 / 2
System Control	Key buttons, IR Remote controller, Remote client PC, NVCK-3X		
Audio In / Out	4 / 1	4 / 1	4 / 1
PTZ Dome & Controller Interface	RS-422 / RS-485		
Features	AL-400	AL-800	AL-1600
Display Settings	Brightness, Contrast, Color adjustments, Hidden / Covert per channel		
Camera Title	22 characters per channel		
Recording Modes	Continuous, schedule, alarm, motion, and panic recording		
Recording Adjustments	Resolution, frame rate, and picture quality per channel		
Pre-Alarm & Post Alarm Recording	Pre-alarm: 5 sec. per channel / Post-Alarm: 60 sec. per channel		
Motion Detection	22 x 15 selectable grids / 10 sensitivity levels		
Search Mode	Time/Date, Calendar, Log		
Playback Speed	Up to 32x		
Power Failure Recovery	Auto reboot while maintaining system settings		
Alarm Notification	Pop up, system buzzer, alarm relay, email		
User Level	1 Admin, 5 Configurable users / 1 Admin, 10 Configurable remote users		
Communication Port	RS-232C, 2 RS-485, Ethernet		
Internal Storage Bays	2 Internal HDD bays (Up to 2TB)		
Built-in Backup Device	DVD-RW		
Mini-Player for Backup	Auto installation into DVD during backup		
External Backup Device Support	USB flashdrive		
Watermark	Yes		
Audio Over Network	2-Way		
General Information	AL-400	AL-800	AL-1600
Power	100 - 240VAC (50 / 60Hz), Universal		
Dimensions (WxDxH)	13.8" x 15.7" x 3.5"		
Weight	17.6 lb		
Power Input	AC 100 ~ 240V, 50 / 60Hz, 85W max, 60W (typ.)		

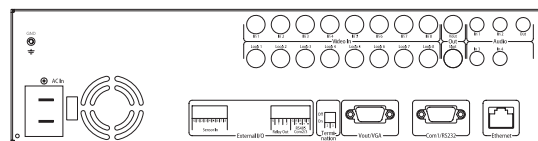
*specifications are subject to change without any prior notice.

REAR VIEW

AL-400



AL-800



AL-1600

