

APEX DVR



AP-F3200



KEY FEATURES

- 32 channels
- Embedded Linux operating system
- Built-in multiplexer
- Quadruplex function - simultaneous record / playback / network / backup
- Recording compression method: MPEG-4
- Network transmission method: MPEG-4 / M-JPEG selectable
- Real-time live display & recording per channel
- **Multi-Layer Streaming**
- Up to 960pps recording @ Half D1 (720 x 240) resolution
- Multiple main video outputs: 4 main composite, 1 VGA
- User friendly graphic menu
- Hidden / Covert camera function
- Built-in backup device: DVD-RW
- External backup device support: USB Flashdrive
- 4 Internal HDD bays (SATA): 2 Internal, 2 Removable (Up to 4TB)
- Expandable storage: Supports up to 8 AP-ES units (32TB)
- Mini player: auto installation into DVD during backup
- Mirror recording
- 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
- IR remote controller
- Optional SDK available for large integration support

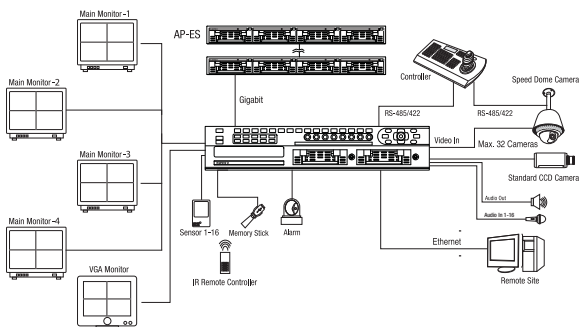
MULTI-LAYER STREAMING

This revolutionary compression technique allows users to store video at full D1 DVD-quality crystal-clear resolution, with the ability to stream the same video across a network or internet connection at a variable rate. Multi-Layering allows the Apex DVR to selectively tune its IP/megapixel and analog video streams based on available network bandwidth and remote PC resources, providing unrivaled remote digital video monitoring performance.

NETWORK FEATURES

- EasyNet WebViewer (IE 6.0 and 7.0)
- EasyNet VMS Lite (Multi-site Client Software)
- 10 Simultaneous users
- 2-Way audio over network
- Smart Search over Network
- Free Dynamic DNS Service for Plug-n-Play Remote Connection

SYSTEM CONFIGURATION



NTSC

TECHNICAL SPECIFICATIONS

Technical Specifications	AP-F3200
Video Format	NTSC/PAL auto detect
Operating System	Embedded Linux
Quadruplex Function	Simultaneous Record / Playback / Network / Backup
Video Input	32
Multiple Main Monitor Outputs	4 Main Composite, 1 VGA
Channel Allocation Per Outputs	<ul style="list-style-type: none"> • Composite-1 Channels: 1~16 or 17~32 (Built-in Switcher) • Composite-2 Channels: 17~32 • Composite-3 Channels: 1~16 • Composite-4 Channels: 17~32 • VGA Channel Channels: 1~16 or 17~32 (Built-in Switcher)
Channel Display Options	<ul style="list-style-type: none"> • Composite-1 1, 4, 9, 16 • Composite-2 1, 4, 9, 16 • Composite-3 1, 4, 9, 16 • Composite-4 1, 4, 9, 16 • VGA 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	960pps @ 360 x 240 960pps @ 720 x 240 480pps @ 720 x 480
Alarm In / Out	16 / 4
System Control	Key buttons, IR Remote controller, Remote client PC, NVCK-3X
Audio In / Out	16 / 1
PTZ Dome & Controller Interface	RS-422 / RS-485
Features	
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	2 RS-232C, 2 RS-485, Ethernet
Internal Storage Bays	4 Internal HDD bays (Up to 4TB)
Expandable Storage	Supports up to 8 AP-ES units - Up to 32TB
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
Power Failure Recovery	Auto reboot while maintaining previous record settings
General Information	
Rack Mount Kit	Yes
Power	100 - 240VAC (50 / 60Hz), Universal
Dimensions (WxDxH)	17.5" x 15.3" x 3.5"
Weight	24.3 lb
Power Input	AC 100 ~ 240V, 50 / 60Hz, 85W max, 60W (typ.)

*specifications are subject to change without any prior notice.

REAR VIEW

