

APEX Digital Video Recorders

Experience the peak performance with APEX DVR.

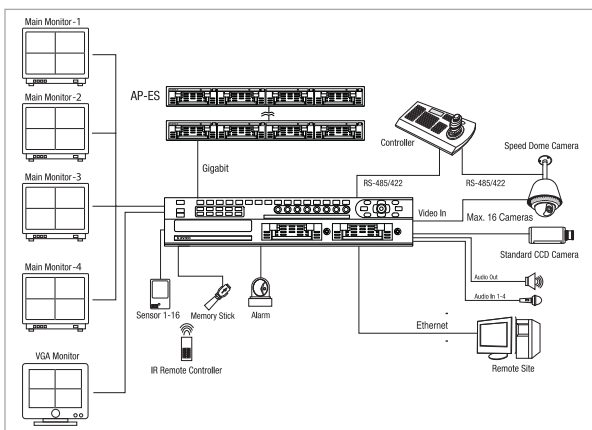
AP-D1600



Key Features

- 16 channel
- Support NTSC & PAL Standards
- Embedded Linux operating system
- User friendly graphic menu
- 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
- Up to 480pps recording @ D1(720 x 480) resolution
- Multiple main video outputs: 4 composite, 1 VGA
- Hidden / Covert camera function
- Built-in backup device: DVD-RW
- External backup device support: USB Thumbdrive
- Internal storage bays: 4
2 internal and 2 removeable(SATA)
- Expandable storage: Support up to 8 AP-ES units
- Mirror recording
- Mini player: auto installation into DVD during backup
- Watch dog / power failure recovery
- RS-422/485 for PTZ speed dome and keypad controller(NVCK-3X)
- Support various PTZ protocols
- Time synchronization between multiple DVRs
- 4 Channel audio with 2-way audio over network
- Firmware upgrade via USB or network
- IR remote controller
- Optional SDK available for large integration support
- Proprietary Dynamic DNS Service for Plug-n-Play Remote Connection

System Configuration

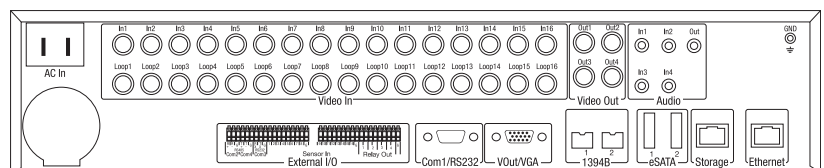


Technical Specifications

SPECIFICATIONS	AP-D1600
Video Format	NTSC/PAL auto detect
Operating System	Embedded Linux
Quadruplex Function	Simultaneous record / playback / network / backup
Video Input	16
Multiple Main Monitor Outputs	4 composite, 1 VGA
Loop Out	16
Video Compression Method	MPEG-4
Network Transmission Method	MPEG-4 / M-JPEG selectable
Average File Size	1.7 - 17KB
Maximum Recording Rate & Resolution	480pps @ 360 x 240(NTSC) / 400pps @ 360 x 288(PAL) 480pps @ 720 x 240(NTSC) / 400pps @ 720 x 288(PAL) 480pps @ 720 x 480(NTSC) / 400pps @ 720 x 576(PAL)
Alarm In / Out	16 / 4
System Control	Key buttons, IR remote controller, remote client PC, NVCK-3X
Audio In / Out	4 / 1
PTZ Dome & Controller Interface	RS-422/485
FEATURES	AP-D1600
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 (NTSC), 22 x 18(PAL) 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	2 internal, 2 removeable bays(SATA)
Expandable Storage	Support up to 8 AP-ES units
Built-in Backup Device	DVD-RW
Mini-Player for Backup	Auto installation into DVD during backup
External Backup Device Support	USB Thumbdrive
Watermark	Yes
Audio Over Network	2-way
Power Failure Recovery	Auto reboot while maintaining previous record settings
GENERAL	AP-D1600
Power	100~240VAC(50/60Hz), universal
Dimensions	445(W) x 388(D) x 88(H)
Weight	11Kg
Power Consumption	AC 100~240V, 50/60Hz, 85W max, typical 60W

Specifications are subject to change without any prior notice.

Rear View



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