

AVS-1800

4/8/16 All Channel 720p 2U HD-AVS DVR

- Up to 4/8/16 channel video 1080p realtime live view
- H.264 dual-stream video compression
- All channel 720p
- HDMI / VGA / TV simultaneous video output
- 4/8 channel synchronous realtime playback, GRID interface & smart search
- 3D intelligent positioning with IC Realtime PTZ camera
- Support 8 SATA HDDs up to 32TB, 1 eSATA up to 16TB, 4 USB2.0
- Multiple network monitoring: Web viewer, CMS(SmartICRSS/PSS) & ICRSS Pro

Product Overview



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AVS-1800

4/8/16 All Channel 720p 2U HD-AVS DVR

Model	AVS-1804	AVS-1808	AVS-1816
System			
Main Processor	Embedded processor		
Operating System	Embedded LINUX		
Video			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)		
Audio			
Input	4 channel, BNC	8 channel, BNC	16 channel, BNC
Output	1 channel, BNC		
Two-way Talk	Reuse audio input/output channel 1		
Display			
Interface	1 HDMI, 1 VGA ,1 BNC		
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768		
Display Split	1/4/	1/4/8/9	1/4/8/9/16
Privacy Masking	4 rectangular zones (each camera)		
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording		
Recording			
Video/Audio Compression	H.264 / G.711		
Record Resolution	720P(1280x720/1280x600)/960H(960x576/960x480)/D1/4CIF(704x576/704x480) / CIF(352x288/352x240) / QCIF(176x144/176x120)		
Record Rate	Main Stream:720P/960H/D1/HD1/2CIF/CIF(1~25/30fps)	Extra Stream:CIF/QCIF(1~25/30fps)	
Bit Rate	48~6144Kb/s		
Recording Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop		
Recording Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec		
Video Detection & Alarm			
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips		
Motion Detection	Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank		
Alarm Input	4 channel	8 channel	16 channel
Relay Output	6 channel		
Playback & Backup			
Sync Playback	1/4/	1/4/8/	1/4/8/16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search		

Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom		
Backup Mode	USB Device / Network		
Network			
Ethernet	2RJ-45 port (10/100M/1000M		
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server		
Max. User Access	128 users		
Smart Phone	iPhone, iPad, Android, Windows Phone		
Storage			
Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 32TB		
External HDD	1 eSATA port (Max 4 SATA HDDs), up to 16TB		
Auxiliary Interface			
USB	4 ports (2 Rear), USB2.0		
RS232	1 port, For PC communication & Keyboard		
RS485 RS422	1 port, For PTZ control, 1 port for Keybord		
General			
Power Supply	AC 100~240 V, 50/60 Hz		
Power Consumption	25W	30W	40W
Working Environment	-14°F - 122° F (-25°C - 50° C) 90% RH		
Dimension(WxDxH)	2U, 17.32"x18.11"x3.5" - 440mmx460mmx89mm		
Weight	14.33lb - 6.5KG(without HDD)		