

AVR-824S

TRIBRID HDAVS & ANALOG & IP 2U DVR

THE NEW TRIBRID SERIES RECORDER - THE BEST OF ALL THREE WORLDS: ANALOG, AVS, AND IP. IDEAL FOR INSTALLATIONS WHERE THE ENVIRONMENT IS MIXED BETWEEN ANALOG AND IP CAMERAS, OR FOR UPGRADING EXISTING SYSTEMS TO THE NEXT LEVEL OF RESOLUTION. THE TRIBRID SERIES RECORDERS ARE CAPABLE OF RECORDING ANALOG CAMERAS AT 960H RESOLUTION, HDAVS CAMERAS AND IP CAMERAS UP TO 1080P. ANALOG AUDIO IS SUPPORTED ON 16 CHANNELS AND EVERY INPUT FOR IP. THE TRIBRID SERIES RECORDERS ARE WRAPPED UP IN A FULL SIZED 2U DVR CAPABLE OF HOUSING 8 HDDS INTERNALLY. TRIBRID SERIES RECORDERS ARE AVAILABLE IN 4, 8, 16, 24 AND 32 CHANNEL OFFERINGS, ENABLING IT TO BE DEPLOYED INTO DIVERSE, AND VARYING SIZED INSTALLATIONS RANGING FROM SMALL OFFICE, TO LARGE SCALE ENTERPRISES APPLICATIONS. SINCE THE HYBRID SERIES OF RECORDERS SUPPORTS BOTH ANALOG, HDAVS, AND IP CAMERAS, IT IS A GOOD FIT FOR EXISTING INSTALLATIONS THAT WANT TO EXPAND INTO IP CAMERAS, WITHOUT REPLACING ANALOG CAMERAS. LIKE ALL IC REALTIME SERIES RECORDERS, THIS DEVICE UTILIZES H.264E (ENHANCED H.264) COMPRESSION TECHNOLOGY, ENABLING CRISP IMAGE VIEWING WITH THE LEAST BANDWIDTH CONSUMPTION POSSIBLE. THIS UNIT ADOPTS AN EMBEDDED SYSTEM DESIGN, AS WELL AS A LINUX OPERATING SYSTEM, RESULTING IN HIGH LEVELS OF STABILITY, PERFORMANCE, AND MOST IMPORTANTLY: RELIABILITY. IN ADDITION, THIS UNIT IS FULLY OPERATIONAL FROM REMOTE LOCATIONS (SEARCH / PLAYBACK / BACKUP / CONFIGURATION) OVER STANDARD ETHERNET NETWORKS.



FEATURES

- Tribrid: Each channel supports Analog / HDAVS / IP Video inputs
- All channel 720P realtime recording or 1080P non-realtime recording
- 2 HDMI / VGA / TV simultaneous video output
- Support 8 SATA HDDs up to 32TB, 1 eSATA, 4 USB2.0
- 3D intelligent positioning with ICR PTZ dome cameras
- ONVIF Version 2.4



SPECIFICATIONS

System

Main Processor	Embedded Processor
Operating System	Embedded Linux

Video

Input	24 Channel, BNC
Standard	HDAVS - 1080P / 720P HDAVS Analog - NTSC, PAL IP - 1080P/720P IP Cameras
Loop Output	N/A

Audio

Input	16 channel, BNC
Output	1 channel, BNC
Two-way Talk	1 channel Input, 1 channel Output, BNC

Display

Interface	2 HDMI, 1 VGA, 1 TV
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Display Split	1/4/8/9/16/25
Privacy Masking	4 rectangular zones per camera
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

Recording

Video/Audio Compression	H.264 / G.711
Resolution	1080P (1920 x 1080) / 720P (1280 x 720) / 960H (960 x 576 / 960 x 480) / D1 / 4CIF (704 x 576 / 704 x 480) / CIF (352 x 288 / 352 x 240) / QCIF (176 x 144 / 176 x 120)
Record Rate	Main Stream: 1080P/720P/960H/D1/HD1/2CIF/ CIF (1~30fps) Extra Stream: CIF/QCIF(1~30fps)
Bit Rate	48~4096Kb/s
Record Mode	Manual, Schedule (Regular (Continuous), MD, Alarm), Stop
Record Interval	1~60 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

Video Detect & Alarm

Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank
Alarm Input	16 channel
Relay Output	6 channel

Playback & Backup

Sync Playback	1 / 4 / 8 / 16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second)
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 / eSATA Device / Network

Network

Ethernet	RJ-45 ports (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android

Storage

Internal HDD	8 SATA ports up to 4TB per port
External HDD	1 eSATA port

Auxiliary Interface

USB Interface	4 ports (2 Rear), USB2.0
RS232	1 port, For PC & Keyboard
RS485	1 port RS485 for PTZ control, 1 port RS422 for Keyboard

General

Pwr Supply	100~240V AC 50/60Hz
Pwr Consumption	40W
Working Environment	-10 ~ +55°C / 10~90%RH / 86~106kpa
Dimensions	440mmx460mmx89mm(WxDxH) 17.3"x18.1"x3.5" (WxDxH) 2U
Weight	13LB / 6.5KG (without HDD)

