MAX-504D

4 Channel H.264E D1 1.5U Standalone DVR

Affordable, small form factor Analog recorder for residential and small office use. The MAX series of DVRs is a compact digital video recorder available in 4, 8, and 16 channel offerings. Due to its small size, the MAX series DVR is perfect for installation on a desktop, or a rack mounted shelf.

The latest generation of MAX series recorders will record and stream 960H resolution at 30 FPS (frames-per-second) on every input, giving it high-end features while maintaining a low price tag. This DVR is well suited for installations such as: retail stores, residences, small business/offices. This DVR also integrates with the full suite of supported IC Realtime A/V control system drivers.

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

- Up to 32 TeraBytes (32,000G) Internal Storage
- Central management software for viewing/managing multiple DVRs
- 1000M Network
- SmartPhone Access (iPhone/iPad, Android, Windows phone)
- Support two way audio
- Email Notification of Events
- USB 2.0 Mouse Interface for super easy operation

- HDMI, VGA, BNC Video Output
- Matrix video output for Spot monitor applications
- Loop back video output for every channel
- Smart Search
- 4-channel simultaneous real-time playback
- Realtime Synchronized Audio/Video Recording on All Channels
- All channel 960H(960x576/960x480)realtime recording
- Pentaplex Operation
- Embedded High-Speed DualCore Microprocessor & Linux OS
- H.264E Compression with dual stream encoding
- 1.5U Rack Mount Case Specification

MAX-504D

Specifications

Model	MAX-504D
System	
Main Processor	Embedded processor
Operating System	Embedded LINUX
Video	
Input	4 channel, BNC
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Audio	
Input	4 channel, BNC
Output	1 channel, BNC
Two-way Talk	1 channel Input, 1 channel Output(reuse the audio output channel), BNC
Display	
Interface	1 HDMI, 1 VGA, 1 TV, 1 Spot, BNC
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768
Display Split	1/4
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
Image Resolution	960H(960×576/960×480)/D1/4CIF(704×576/704×480)/HD1(352×576/352×480)/ 2CIF(704×288/704×240) / CIF(352×288/352×240) /QCIF(176×144/176×120)
Record Rate	Main Stream: 960H/D1/HD1/2CIF/CIF(1~30fps) Extra Stream: QCIF(1~30fps)/CIF(1~7fps)
Bit Rate	48~3072Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record 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
Video Detection	Motion Detection, MD Zones: 396(22x18), Video Loss & Camera Blank
Alarm Input	4 channel
Relay Output	3 channel
Playback & Backup	
Sync Playback	1/4
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 / eSATA Device
Network	
Ethernet	RJ-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, SNMP, P2P
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	

Internal HDD	4 SATA ports
External HDD	1 eSATA port
Auxiliary Interface	
USB	2ports (1 Rear), USB2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC100~220V, 50/60Hz
Power Consumption	25W
Working Environment	14 ~ 131° F (-10 ~ 55°C) / 10~90%RH / 86~106kpa
Dimensions (W×D×H)	1.5U, 17.3"×18.1"×2.6" / 440mm×460mm×68mm
Weight	13.23LB / 6KG (without HDD)

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