

4-CH SLIM H.264E CIF/D1 1.5U DVR

FEATURES

- ➔ 1.5U Rack Mount Case Specification
- ➔ H.264E Compression with dual stream encoding
- ➔ Embedded High-Performance Microprocessor & Linux OS
- ➔ Pentaflex operation
- ➔ 120 FPS Realtime Recording
- ➔ Synchronized Audio/Video Recording on 4 selected channels
- ➔ Up-to D1(4CIF) recording/playback quality
- ➔ All Channel Playback
- ➔ Smart Search
- ➔ Loop back video output for every channel
- ➔ Matrix video output for Spot monitor applications
- ➔ HDMI Interface for high resolution video output
- ➔ USB 2.0 Mouse Interface for super easy operation
- ➔ Email Notification of Events
- ➔ Support two way audio
- ➔ SmartPhone Access (iPhone/iPad, Android, Blackberry)
- ➔ Direct network access using IE Browser
- ➔ Central management software for viewing/managing multiple DVRs
- ➔ Up to 12 TeraBytes Internal Storage



OVERVIEW

System	
Main Board Processor	High performance embedded microprocessor
Operation System	Embedded LINUX
System Resources	Pentaflex function: live, recording, playback, backup & remote access
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network
Video	
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Input	4 channel, BNC(1.0Vp-p, 75Ω)
Output	1 TV, 1 Spot, BNC(1.0Vp-p, 75Ω)
Loop Output	4 channel
Audio	
Input	4 channel, BNC(200-2800mV, 30KΩ)
Output	1 channel, BNC(200-3000mV, 5KΩ)
Bidirectional Talk	1 channel Input, BNC(200-2800mV, 30KΩ), 1 channel Output, BNC(200-3000mV, 5KΩ)
Display	
Display Split	1/4
Resolution	1920x1080, 1280x1024, 1280x720, 1024x768, 800x600
Tour Display	Yes
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
OSD	Camera title, time, video loss, camera lock, motion detection, recording

OVERVIEW

Recording	
Video/Audio Compression	H.264 / G.711
Image Resolution	D1/4CIF(704x576/704x480) / CIF(352x288/352x240) / QCIF(176x144/176x120)
Encoding Speed	Main Stream: Channel 1: D1/CIF/QCIF (1~25/30fps); Channel 2~4: CIF/QCIF (1~25/30fps), D1 (1~6/7fps) Extra Stream: QCIF(1~25/30fps), CIF(1~6/7fps)
Bit Rate	32~2048Kb/s
Image Quality	1~6 level(level 6 is the best, VBR effectively)
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
Recording Priority	Manual > Alarm > MD > Regular
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 movement, Tour, Alarm, Email, Spot output
Motion Detection	Zones: 396(22x18), Sensitivity: 1~6 (level 6 is highest)
Video Loss & Camera Blank	Yes
Alarm Input	8 Channel
Relay Output	6 channel
Playback & Backup	
Playback Channel	1,2,4
Search Mode	Time/Date, Alarm, Motion Detection & 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 selectio
Backup Mode	Flash drive/ USB HDD/ USB CD/DVD-RW / eSATA Device / Built-in SATA burner/ Network download
Network	
Ethernet	RJ-45 port (10/100M)
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Email, Alarm Server
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	
Hard Disk	4 SATA ports, 4 HDDs or 3 HDDs + 1 CD/DVD-RW, Max 3TB per HDD supported
HDD Usage	Audio: 28.8MB/H, Video: 56~500MB/H
HDD Management	Hard disk hibernation technology, HDD faulty alarm & Raid(Redundancy)
Auxiliary Interface	
USB Interface	USB2.0: 2 ports, 1 for mouse control, 1 for backup
eSATA	1 port
RS232	ICRealtime keyboard, PC communication
RS485	PTZ control
Environmental	
Power Supply	AC 100~240 V, 50/60 Hz
Power Consumption	25W
Working Environment	14°F~130°F/-10°C~+55°C / 10~90%RH / 86~106kpa
Dimension	440mmx460mmx68mm(WxDxH) 1.5U Rack 17.3"x18.1"x2.6" (WxDxH) 1.5U, Rack
Weight	13LB/6.0KG (without HDD)