

EDGE-S108

8CH H.264E DVR W/ Built-in 10" LCD



IC Realtime series of 'All-In-One' combo DVRs. Ideal for installations where space is a premium, these units all include LCD displays built right into the recording device. Less cables, less hardware, and less points of failure. The Combo series of DVRs supports D1 resolution on every input, as well as synchronized audio recording. Due to the compact size and built-in monitor, these recorders make an excellent fit for installations at: restaurants, gas stations, convenience stores, and small offices. 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

- H.264E Compression. BlackFin Video Processors
- Dual encoding streams for smoother network transmission
- Real-time Synchronized Video and Audio Recording
- Built-in LCD Monitor
- 4 Channel simultaneous playback
- Easy backup: USB devices, network download
- Access from Smart Phones (iPhone/iPad, Android, Windows)
- USB Mouse Interface for super easy operation
- Built-in Web Server for direct online access

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Specifications

Model	EDGE-S108
System	
Main Processor	High performance embedded microprocessor
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
Control Mode	USB mouse, IR remote control, Keyboard, Network
Video	
Input	8 channel, BNC(1.0Vp-p, 75 Ω)
Standard	NTSC(525Line, 60f/s), PAL(625Line, 50f/s)
Output	1 TV, BNC(1.0Vp-p, 75 Ω), Built-in 10/19 inch LCD
Audio	
Input	4 channel, BNC(200-2800mV, 30K Ω) Channel 1 for bidirectional-talk input synchronously
Output	1 channel, BNC(200-3000mV, 5K Ω)
Display	
Display Split	1/4
Resolution	1366x768, 1280x1024, 1280x720, 1024x768, 800x600
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
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 (1~6fps) Extra Stream: QCIF(1~25/30fps)
Bit Rate	32~2048Kb/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
Record Priority	Manual >Alarm >MD >Regular
Playback & Backup	
Sync Playback	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 selections
Backup Mode	Flash drive / USB HDD / USB CD / Network download
Network	
Ethernet	RJ-45 port (10/100M)
Network Functions	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
Storage	
Internal HDD	1 SATA port, Max 3TB per HDD supported, 2.5" SATA HDD

Auxiliary Interface	
USB	2 ports, 1 for mouse control, 1 for backup
RS232	ICRealtime keyboard, PC communication
RS485	PTZ control
General	
Power Supply	AC 100~240 V, 50/60 Hz
Power Consumption	25W
Working Environment	14 ~ 131° F (-10 ~ 55°C) / 10~90%RH / 86~106kpa