

Hi-3224



**Economic 24 CH realtime CIF
high resolution network DVR**



H.264



DDNS



Network



PTZ



Audio



CMS



USB



Mouse



E-mail



Mobile

DVR Hi-3200 Series

Economic 24 ch real time
CIF network DVR



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Introduction

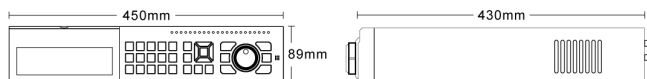
Hi-3224 series are economic 24 ch real time CIF network DVRs, offering outstanding cost efficiency with optimized configuration. They adopt standard H.264 main profile compression format and industry's advanced SOC technic, enhancing video quality and robustness of the system.

Hi-3224 support 24 ch video input, 4 ch audio input, feature simultaneous 24 ch playback, and VGA output for high resolution display. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

Characteristics

- 24ch real time CIF recording, adopt Standard H.264 main profile compression to provide high-quality video at much lower bit rate than MPEG4
- Intuitive and user-friendly Graphic User Interface (GUI), Windows style operation by mouse
- Multi-mode recording: manual/timer/motion/sensor
- Playback: support 16 ch simultaneous playback
- Search: calendar/time, events (sensor, motion)
- Express and flexible backup via USB, network
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol and CMS supported
- Remote control via IE or CMS: preview, playback, backup, PTZ and configuration
- Dual streaming technology to encode recording stream and network stream separately. User can adjust network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- Authorization management, log review and DVR status review
- VGA output to get clearer display using CRT or LCD monitor
- Support PTZ preset and auto cruise, up to 128 presets and 8 cruises
- Powerful smart phone surveillance supporting WinCE, Symbian, Google phone, Blackberry and Iphone, compatible with 3G
- Complete SDK software available, easy to integrate with other applications

Dimension



Specification

Item	Hi-3224
System	Compression Standard H.264 Main profile
	CPU ARM9 High-performance Processor
	OS Embedded LINUX
Video	Input BNC x 24
	Output BNC x 2: Main monitor, Matrix output VGA x 1: 1280 x 1024
Audio	Input RCA x 4
	Output RCA x 1
	2-way audio Take up 1 ch audio input
Record	Frame rate 600fps (PAL) 720fps (NTSC)
	Resolution CIF 352 x 288 (PAL), 352 x 240 (NTSC)
	Bit rate 128k~2Mbps
	Encode VBR/CBR
	Quality Five-level
	Mode Manual, timer, motion, sensor
	File Lock, unlock, reserving time, redundancy
Play back	Channel 16 ch
	Search Time/calendar search, event search (motion, external alarm event)
	Intelligent search Apply different colors to display whether a channel in a period of time recording or not
	Function Play, pause, FF, Rewind, preview previous video, next video, digital zoom and support drag the progress bar to preview
Alarm	Mode Sensor, motion detection, video loss
	Sensor input 16 ch
	Relay out 1 ch
	Triggering Record, PTZ, alarm out, e-mail
Network	Interface RJ45
	Protocol TCP/IP, UDP, DHCP, DNS, PPPoE, DDNS, Email
	Others 10 users online, dual streaming
Cell phone	OS Symbian, Iphone, Windows Mobile, Blackberry, Andriod
	Function Multi-screen surveillance (for certain model), record, snapshot, PTZ control, save the device list
Port	Hard disk SATA x 3
	RS485 RS485 x 2, one for PTZ, another for control keyboard
	USB USB2.0 x 2, one for mouse, another for USB backup device
	Remote controller Yes
Others	Power supply DC: 12V
	Dimension 430 x 390 x 55mm (W x D x H)
	Work environment 0~50 C, 10%~90% (Humidity)