

Hi-3216



**Standard 16 CH Realtime D1/CIF
High Resolution Network DVR**



H.264



DDNS



Network



PTZ



Audio



CMS



USB



Mouse



E-mail



Mobile

DVR Hi-3200 Series

Standard real time D1+ CIF
high resolution network DVR



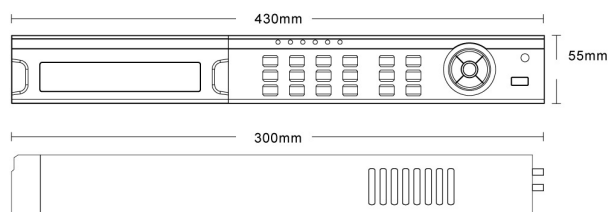
Introduction

DVR model Hi-3216 are standard 16 ch full D1+CIF real time networking DVRs, which adopt standard H.264 main profile compression format and industry's advanced SOC technics to enhance video quality and realize outstanding robustness of the system. DVR model Hi-3216 support 16 ch video input, 4 ch audio input, feature simultaneous 16 ch playback, and HDMI output for high resolution display. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government,

Characteristics

- 2ch D1 6/14ch CIF real time recording, adopt standard H.264 compression format to get high-quality video at much lower bit rate
- 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 or DVD-RW (SATA)
- 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
- Support HDMI 1080P, true high resolution display
- 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-3216
System	Compression Standard H.264 Main profile
	CPU ARM9 High-performance Processor
	OS Embedded LINUX
Video	Input BNC x 16
	Output BNC x 2: Mainout, 1 spot out VGA x 1: 1280x1024, 800x600, 1024x768, HDMI x 1: 1920 x 1080
Audio	Input RCA x 4
	Output RCA x 1
	2-way audio Take up 1 ch audio input
Record	Frame rate 400/100fps (PAL) 480/120fps (NTSC)
	Resolution CIF/D1, 352 x 288/704 x 576 (PAL), 352 x 240/704 x 480 (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
Network	Triggering Record, PTZ, alarm out, e-mail
	Interface RJ45
	Protocol TCP/IP, UDP, DHCP, DNS, PPPoE, DDNS, Email
Cell phone	Others 18 users online, dual streaming
	OS Symbian, Iphone, Windows Mobile, Blackberry, Android
	Function Multi-screen surveillance (for certain model), record, snapshot, PTZ control, save the device list
Port	Hard disk SATA x 2, support 4T per HDD or DVD-RW
	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 300 x 55mm (W x D x H)
	Work environment 0~50°C, 10%~90% (humidity)

