



INTELLIGENT SECURITY AND SURVEILLANCE

ISAS16CH2TB-HYB

16 Channel Hybrid NVR



Model	Channel	HD
IN20-ISAS4CH4TB-NVR(3MP)	16	2TB
IN20-ISAS4CH4TB-NVR(3MP)	16	3TB
IN20-ISAS4CH4TB-NVR(3MP)	16	4TB

Features:



- Support 16 CH analog cameras real time 960H recording; support 4 CH IPC 1080P@15fps or 720P@30fps recording, support 8 CH IPC 1080P@30fps or 720P@30fps recording
- Adopt standard H.264 High Profile 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 playback
- Search : calendar / time, events (alarm, 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, IE browse 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 device status review
- HDMI 1080P output, true high resolution display
- Support PTZ preset and auto cruise, up to 128 presets and 8 cruises
- Powerful smart phone surveillance supporting iPhone, Andriod
- Support NAT function, support QR code scanning by mobile phone
- Complete SDK software available, easy to integrate with other applications

Specifications

System	Compression	Standard H.264 High Profile	
	CPU	Cortex A9	
	OS	Embedded Linux	
Video	Input	BNC x 16	
	IP Input	IPC x 8	
	Output	VGA x 1 : 1080P HDMI x 1 : 1080P BNC x 2 : Main monitor, Spot monitor	
Audio	Input	RCA x 4	
	Output	RCA x 1	
	2-way audio	Take up channel one audio input	
Record	Resolution	960H / D1 / CIF 960H : 960 x 576 (PAL) / 960 x 480 (NTSC) D1 : 704 x 576 (PAL) / 704 x 480 (NTSC) CIF : 352 x 288 (PAL) / 352 x 240 (NTSC)	
	Frame Rate	400fps (PAL) 480fps (NTSC)	
	Bit Rate	128 K ~ 2 Mbps	
	Encode	VBR / CBR	
	Quality	6 Level	
	Mode	Manual, Timer, Motion, Sensor	
	File Manager	Lock, unlock, reserving time	
IP Input	Resolution	1080P / 720P	
	Frame Rate	1080P: 8 CH @30fps 720P: 8 CH @30fps	
Play back	Playback	16 CH	
	Search	Time/calendar search, event (motion,external alarm)	
	Smart Search	Highlighted date and time to display the channel record	
	Function	Play, Pause, FF, FB, Digital zoom	
Alarm	Mode	Sensor, Motion, Video Loss	
	Input	16 CH	
	Output	1 CH	
Network	Triggering	Record, PTZ move, alarm out, e-mail, etc	
	Interface	RJ45 10M/100M adaptive ethernet network port x 1	
	Protocol	TCP / IP, UDP, DHCP, DNS, PPPOE, DDNS	
Cell Phone	Others	10 users online, dual stream	
	OS	iPhone, Andriod	
Port	Function	Multi-screen surveillance (for certain model), record, snapshot, PTZ control, save the device list	
	HDD	SATA x 2	
	RS485	RS485 x 1, connect to PTZ or keyboard	
	USB	USB 2.0 x 2, one for mouse, another for USB backup device	
Others	Remote Controller	Yes	
	Power Supply	DC 12V	
	Consumption	< 12W (without HDD)	
	Dimensions	430 mm * 300 mm * 55 mm (W * D * H)	
Work Environment	0 ~ 50 °C , 10% ~ 90% Humidity		