

# iSAS

INTELLIGENT SECURITY AND SURVEILLANCE

## **IN20-iSAS16C**

16 channel NVR



Model	HDD	Casing
IN20-ISAS16C1TB	1TB	2UC
IN20-ISAS16C3TB	3TB	2UC
IN20-ISAS16C6TB	6TB	2UC
IN20-ISAS16C9TB	9TB	2UC
IN20-ISAS16C12TB	12TB	2UC
IN20-ISAS16C15TB	15TB	2UC
IN20-ISAS16C18TB	18TB	2UC
IN20-ISAS16C21TB	21TB	2UC
IN20-ISAS16C24TB	24TB	2UC

### Features:

- Support 16CH 1080p @12 fps or 8CH 1080p @25fps or 16CH 720p @25fps IP input
- Intuitive and user-friendly Graphic User Interface(GUI), Windows style, operation by mouse
- Remote control via IE or CMS: preview, playback, backup, PTZ and configuration
- Multi-mode recording: manual, timer, motion, sensor
- Playback: 16CH simultaneous playback
- Search: time/calendar, events(alarm, motion)
- Express and flexible backup via USB, network or DVD-RW (Sata)
- Pentaplex: live, record, playback, backup and remote operation
- DHCP, DDNS, PPPoE Network protocol, IE browse and CMS supported
- 16 PoE network ports; support IPC direct connection to NVR; support PoE power supply
- Dual stream technology to encode recording stream and network stream respectively. User can adjust network stream to fit bandwidth without changing recording quality
- Multi-user online simultaneously
- HDMI 1080P output
- Support PTZ preset and auto cruise, up to 128 presets and 8 cruises
- Powerful smart phone surveillance supporting Android, Windows phone, iPhone, Blackberry
- Gigabit Ethernet interface to get the fastest transmission

System	
Compression	H.264 High profile
CPU	Cortex A9 Dual Core
OS	Embedded Linux
Video	
Output	BNC*1
	VGA*1:1080P(1920*1080)
	HDMI*1:1080P(1920*1080)
IP Input	
1080P	8CH@10fps
	16CH@10fps
720P	16CH@25fps
D1	16CH@25fps
Audio	
Input	RCA*1
Output	RCA*1
Record	
HDD	1TB, 3TB, 6TB, 9TB, 12TB, 15TB, 18TB, 21TB, 24TB,
Resolution	1080P(1920*1080)/720P(1280*720)/D1(704*576)
Frame rate (fps)	1~25fps/CH(PAL)
Bit Rate:	2Mbps~12Mbps
Encode	VBR/CBR
Quality	6 level
Mode	Manual, Timer, Motion, Sensor
File manage	Lock, unlock, reserving time,
Play	
Playback	16CH
Search	Time/calendar search, event(motion, sensor)
Function	Play, Pause, FF, FB; Shuttle control, Jog, Digital zoom
Alarm	
Mode	Sensor, Motion, Video Loss
Input	16CH
Output	4CH
Triggering	Record, PTZ move, relay out, e-mail, etc
Network	
Interface	RJ45*1
PoE	RJ45*16
Protocol	TCP/IP, UDP, DHCP, DNS, PPPOE, DDNS
Others	10users online, dual stream
Cell phone	
OS	iPhone, Blackberry, Android, Windows phone
Function	Multi-channel display(for certain model),record, snapshot, PTZ control, save the device list
Port	
HDD	SATA* 8, E-SATA*1
RS485	RS485 *2, one for PTZ the other for keyboard
USB	USB2.0 * 2,one for mouse, another for USB backup device
Remote controller	Yes
Others	
Power supply	AC:110V/220V
Dimensions	430mm*450mm*89mm (W*D*H)