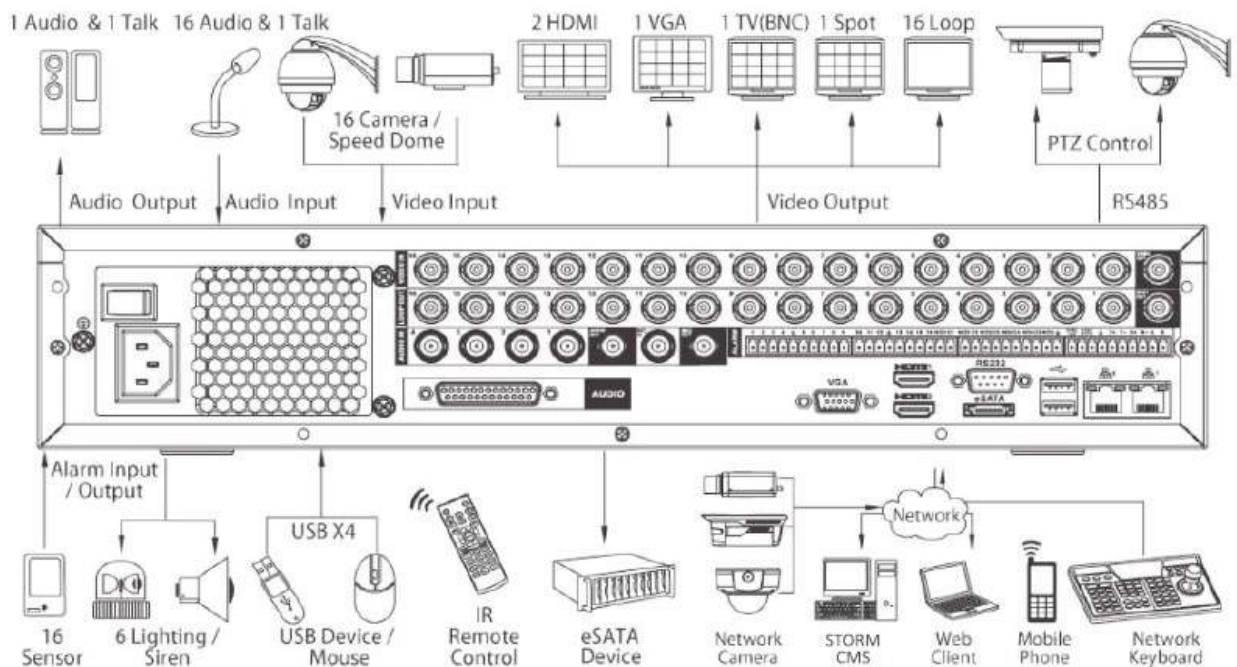


32CH 2U Hybrid Network Video Recorder



- Total of 32 channels of which 16 can be analog and the rest can be IP
- H.264/MJPEG decoding & H.264 dual-stream encoding
- IP: Maximum 160Mbps incoming bandwidth
- Analog: Maximum 16 channel@960H (960x576/960x480) realtime recording
- 2 HDMI / VGA / TV / Spot simultaneous video output
- All channel synchronous realtime playback, GRID interface & smart search
- Supports multiple brands of network cameras
- Auto IP address acquisition through IP Search function
- 3D intelligent positioning with PTZ dome cameras
- Supports 8 SATA HDDs up to 48TB, 1 eSATA up to 16TB,
- 4 USB2.0 ports
- Multiple network monitoring: Web viewer, STORM CMS
- ONVIF Version 2.2 conformance

System Connection



INS2U7816S

Product Specifications



System	
Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Video	
IP Video Inputs	16 channels or more if analog are unused
Analog Inputs	16 channels, BNC
Analog Video Standard	NTSC (525 Line, 60f/s), PAL (625 Line, 50f/s)
Loop Outputs	16 channels, BNC
Audio	
Inputs	16 channels, BNC
Outputs	1 channel, BNC
Two-way Audio	1 channel Input, 1 channel Output, BNC
Display	
Interface	2 HDMI, 1 VGA, 1 TV, 1 Spot, BNC
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1 / 4 / 8 / 9 / 16 / 25 / 36
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Video/Audio Compression	H.264 / MJPEG(IP) / G.711
Resolution	1080P(1920×1080) / 720P(1280×720) / 960H(960×576/960×480) / D1/4CIF(704×576/704×480) / HD1(352×576/352×480) / 2CIF(704×288/704×240) / CIF(352×288/352×240) / QCIF(176×144/176×120)
Recording Rate	IP: Maximum 160Mbps bit rate incoming Analog: All channel@960H (25/30fps)
Bit Rate	IP: 48~8192 Kb/s, Analog: 48~3072Kb/s
Recording Mode	Manual, Scheduled (Regular (Continuous), MD, Alarm), Stop
Recording Interval	1~120 min. (default: 60 min.), Pre record: 1~30 sec., Post-record: 10~300 sec.
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Spot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Blank
Alarm Inputs	16 channels
Relay Outputs	6 channels
Playback & Backup	

INS2U7816S

Product Specifications



Sync Playback	1 / 4 / 9 / 16
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to the 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 selection, Digital zoom
Backup Mode	USB Device/eSATA Device/Internal SATA burner/Network
Network	
Ethernet	2 RJ-45 ports (10/100M/1000M)
Network Functions	HTTP, IPv4/IPv6, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, Alarm Server, IP Search (Support STORM IP camera, DVR, NVS, etc.)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone
Storage	
Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 48TB
External HDD	1 eSATA port (Maximum 4 SATA HDDs), up to 16TB
Auxiliary Interface	
USB Interface	4 ports (2 Rear), USB 2.0
RS232	1 port, For PC communication & Keyboard
RS485	1 port, For PTZ control
General	
Power Supply	AC 100~240 V, 50/60 Hz
Power Consumption	40W
Operating Environment	-10°C to +55°C / 10%~90%RH / 86~106kpa
Dimension (WxDxH)	2U, 440mm × 460mm × 89mm
Weight	6.5 KG (without HDD)

32CH 2U Hybrid Network Video Recorder Model Numbers:

- INS2U7816S4T:** 32CH 2U Hybrid Network Video Recorder **W/4TB** of Storage
- INS2U7816S8T:** 32CH 2U Hybrid Network Video Recorder **W/8TB** of Storage
- INS2U7816S12T:** 32CH 2U Hybrid Network Video Recorder **W/12TB** of Storage
- INS2U7816S16T:** 32CH 2U Hybrid Network Video Recorder **W/16TB** of Storage
- INS2U7816S20T:** 32CH 2U Hybrid Network Video Recorder **W/20TB** of Storage
- INS2U7816S24T:** 32CH 2U Hybrid Network Video Recorder **W/24TB** of Storage
- INS2U7816S28T:** 32CH 2U Hybrid Network Video Recorder **W/28TB** of Storage
- INS2U7816S32T:** 32CH 2U Hybrid Network Video Recorder **W/32TB** of Storage
- INS2U7816S36T:** 32CH 2U Hybrid Network Video Recorder **W/36TB** of Storage
- INS2U7816S40T:** 32CH 2U Hybrid Network Video Recorder **W/40TB** of Storage
- INS2U7816S44T:** 32CH 2U Hybrid Network Video Recorder **W/44TB** of Storage
- INS2U7816S48T:** 32CH 2U Hybrid Network Video Recorder **W/48TB** of Storage