LTN8916H-P16 / LTN8932H-P16
Platinum Enterprise Level 16/32-Channel NVR

Features and Functions

Professional and Reliable

- New logical and visualized GUI design
- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

Video Input and Transmission

- Streams over TLS encryption technology (enhanced SDK service and RTP over HTTPS protocol) which provides more secure transmission (up to 128 Mbps TLS stream outgoing bandwidth)
- Up to 32 IP cameras can be connected (up to 12 MP)
- Can connect to the third-party network cameras

Compression and Recording

- H.265+ compression effectively reduces data storage requirement by up to 75%
- Full channel recording at up to 12 MP resolution

HD Video Output

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

Storage and Playback

- Up to four SATA interfaces for HDD connection
- 16 channels of synchronous playback at up to 1080p resolution
- Important file management
- HDD health monitoring

Smart & POS Functions

- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; smart playback improves efficiency
- Supports VCA search for fire/temperature/temperature differences; detection will trigger video files
- POS information overlay on live view and playback
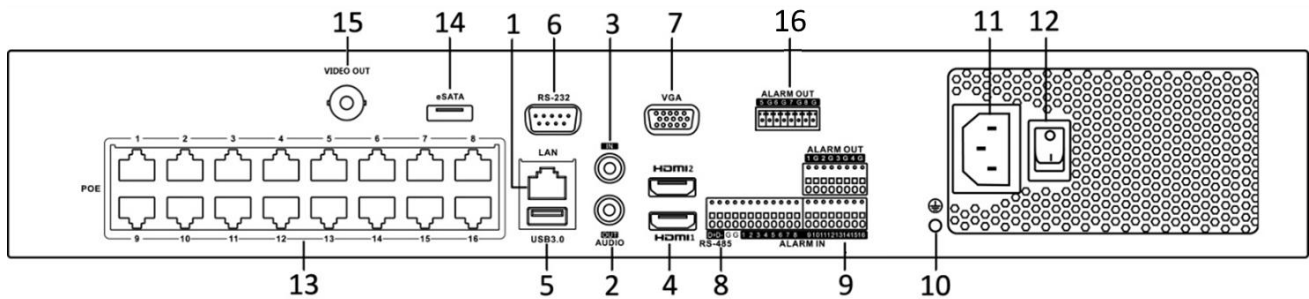- POS triggered recording and alarm

Network & Ethernet Access

- LTS-Connect for easy network management
- Gigabit Ethernet network interface
- 16 independent PoE network interfaces are provided
- Long distance (100 - 300 m) network transmission via PoE

Specifications

Model		LTN8916H-P16	LTN8932H-P16
Audio/video input	**IP video input**	16 channels	32 channels
		Up to 12 MP resolution	
	Two-way audio	1 ch, RCA (2.0 Vp-p, 1 k Ω)	
Network	**Incoming bandwidth**	160 Mbps	256 Mbps
	Outgoing bandwidth	256 Mbps	
	Remote connection	128	
Audio/video output	**Recording resolution**	3, 4, 5, 6, 8, 12 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	
	CVBS output	1 ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
	HDMI1 output resolution	**4K:** 3840 × 2160 / 60 Hz, 3840 × 2160 / 30 Hz **2K:** 2560 × 1440, 1920 × 1080, 1600 × 1200, 1280 × 1024, 1280 × 720, or 1024 × 768 / 60 Hz	
	VGA output resolution	**2K:** 2560 × 1440, 1920 × 1080, 1280 × 1024, 1280 × 720, or 1024 × 768 / 60 Hz; HDMI1 / VGA Simultaneous Output	
	HDMI2 output resolution	1920 × 1080, 1280 × 1024, 1280 × 720, or 1024 × 768 / 60 Hz	
	Audio output	1-ch, RCA (Linear, 1 KΩ)	
Decoding	**Decoding formats**	H.265+ / H.265 / H.264+ / H.264 / MPEG4	
	Live view / playback resolution	3, 4, 5, 6, 8, 12 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	
	Synchronous playback	16-ch	
	Capability	2 ch @ 12 MP (20 fps) / 4 ch @ 8 MP (25 fps) / 8 ch @ 4 MP (30 fps) / 16-ch @ 1080p (30 fps)	
Network management	**Network protocols**	TCP/IP, DHCP, LTS-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS	
Hard disk	**SATA**	4 x SATA interfaces for 4HDDs	
	Capacity	Up to 8 TB capacity for each HDD	
	eSATA	1 x eSATA interface	
External interface	**Network interface**	1 x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
	Serial interface	1 x RS-485 (half-duplex), 1 x RS-232	
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarms in / out	16 / 4 (16 / 8 optional)	
POE Interface	**Interface**	16 x RJ-45 10/100 Mbps self-adaptive Ethernet interfaces	
	Power	≤ 200 W	
	Supported standard	IEEE 802.3 af / at	
General	**Power supply**	100 to 240 VAC	
	Total Power	≤ 360 W	
	Consumption (without hard drive)	≤ 20 W (without enabling PoE)	
	Operating temperature	14° to 131° F (-10° to 55° C)	
	Operating humidity	10 to 90%	
	Dimensions (W × D × H)	17.5 × 15.7 × 2.8 in. (445 × 400 ×71 mm)	
	Weight (without hard disk)	≤ 11 lbs (5 kg)	

Physical Interfaces

Index	Description	Index	Description
1	LAN Interfaces	2	Audio Out
3	Audio In	4	HDMI Interface
5	USB 3.0 Interface	6	RS-232 Serial Interface
7	VGA Output (DB9 Connector)	8	RS-485 Serial Interface
9	Controller Port, Alarm In/Alarm Out	10	GND
11	100 to 240 VAC power supply	12	Power Switch
13	Network Interfaces with PoE function	14	eSATA Interface
15	Video Out	16	Alarm Out (Optional)