LTN8916H / LTN8932H
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

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

Compression and Recording

- H.265+ compression effectively reduces the storage space and costs by up to 75%
- Full channel recording at up to 12MP 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 4 SATA interfaces for HDD connection
- 16-ch synchronous playback at up to 1080p resolution
- Important files management
- HDD health monitoring

Smart &POS Function

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

Network & Ethernet Access

- LTS-Connect for easy network management
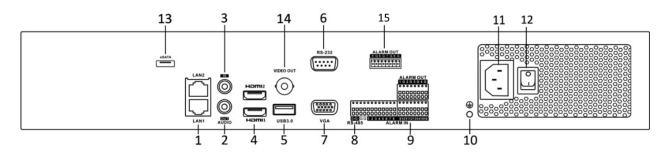- Gigabit Ethernet network interface

Specifications

Model		LTN8916H	LTN8932H
Video/Audio input	**IP video input**	16-ch	32-ch
		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	
Video/Audio output	**Recording resolution**	12 MP/8 MP/6 MP/5 MP/4 MP/3 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)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560×1440) /60Hz , 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	VGA output resolution	2K(2560×1440)/60Hz ,1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz , HDMI1/VGA Simultaneous Output	
	HDMI2 output resolution	1920 × 1080/60Hz , 1280 × 1024/60Hz , 1280 × 720/60Hz , 1024 × 768/60Hz	
	Audio output	1-ch, RCA (Linear, 1 KΩ)	
Decoding	**Decoding format**	H.265/H.265+/H.264/H.264+/MPEG4	
	Live view / Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF	
	Synchronous playback	16-ch	
	Capability	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	
Network management	**Network protocols**	TCP/IP, DHCP, LTS-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS	
Hard disk	**SATA**	4 SATA interfaces for 4HDDs	
	Capacity	Up to 8TB capacity for each HDD	
	eSATA	1 eSATA interface	
External interface	**Network interface**	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	
	Serial interface	1 RS-485 (half-duplex), 1 RS-232	
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarm in/out	16/4 (16/8 optional)	
General	**Power supply**	100 to 240 VAC	
	Power	≤ 80 W	
	Consumption (without hard disk)	≤ 20 W	
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)	
	Working humidity	10 to 90 %	
	Dimensions (W×D×H)	445 × 400 ×71 mm (17.5"× 15.7" × 2.8")	
	Weight (without hard disk)	≤ 5 kg (11 lb)	

Physical Interfaces

Index	Description	Index	Description
1	LAN1 and LAN2 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	eSATA Interface	14	VIDEO OUT
15	Alarm Out (Optional)		