

LTN8916H / LTN8932H

Platinum Enterprise Level 16/32 Channel NVR



Features and Functions

Professional and Reliable

- New logical and visualized GUI design
- Dual-OS design ensures high reliability
- ANR technology enhances data storage reliability if the network gets disconnected

Video Input and Transmission

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

Compression and Recording

- H.265+ compression effectively reduces data storage space and costs 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-ch synchronous playback at up to 1080p resolution
- Important files 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 to improve efficiency
- Supports VCA search for fire/temperature/temperature difference; detection triggers video files
- POS information overlay on live view and playback
- POS-triggered recording and alarm

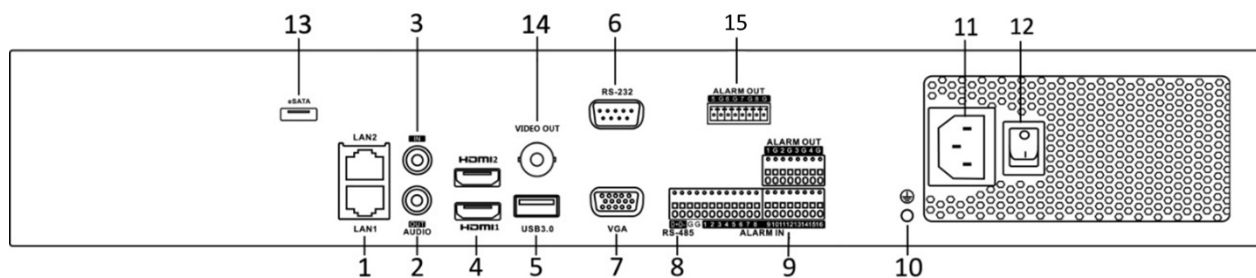
Network & Ethernet Access

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

Specifications

Model		LTN8916H	LTN8932H
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 × 1080p, 1600 × 1200, 1280 × 1024, 1280 × 720, or 1024 × 768 / 60 Hz	
	VGA output resolution	2K: 2560×1440, 1920 × 1080p, 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 format	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-channel	
	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 drive	SATA	4 x SATA interfaces for 4HDDs	
	Capacity	Up to 8TB capacity for each HDD	
	eSATA	1 x eSATA interface	
External interface	Network interface	2 x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces	
	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	
	Alarm in / out	16 / 4 (16 / 8 optional)	
General	Power supply	100 to 240 VAC	
	Power	≤ 80 W	
	Consumption (without hard disk)	≤ 20 W	
	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	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)		