

## LTN8964-8

### Platinum Enterprise Level 64-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
- RAID0, RAID1, RAID5, RAID6 and RAID10 storage scheme configurable
- Configurable normal or hot spare working mode to constitute an N+1 hot spare system

### 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, when RAID is enabled, it will restrict TLS stream outgoing bandwidth to 64 Mbps)
- Up to 64-ch cameras can be connected (up to 12 MP)
- Compatible with third-party network cameras

### Compression and Recording

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

### HD Video Output

- HDMI1 / VGA1 and HDMI2 / VGA2 outputs provided
- HDMI1 Video output at up to 4K (3840 × 2160) resolution

### Storage and Playback

- Up to eight SATA interfaces and one eSATA interface for HDD connection
- 10 TB capacity for each HDD
- 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; and smart playback to improve the playback efficiency
- Supports VCA search for fire / vehicles / temperature / temperature differences as well as detection-triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

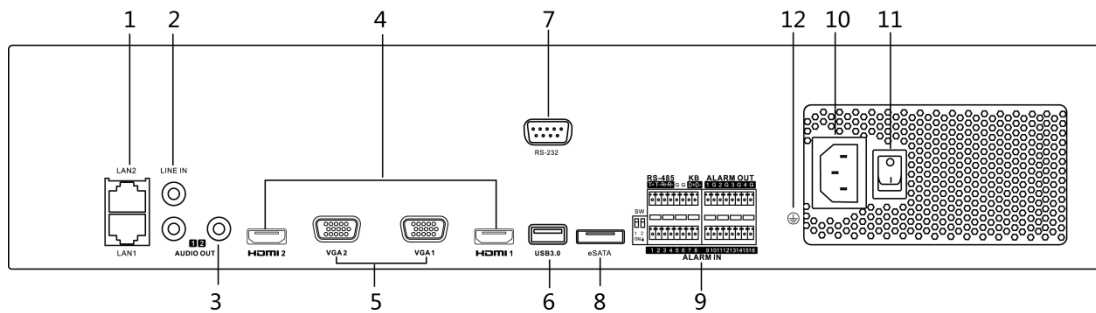
### Network & Ethernet Access

- LTS-Connect for easy network management
- 2 Gigabit Ethernet network interfaces

## Specifications

Model		LTN8932-8	LTN8964-8
Audio/video input	IP video input	32 channels Up to 12 MP resolution	64 channels
	Two-way audio	1 ch, RCA (2.0 Vp-p, 1 k Ω)	
Network	Incoming bandwidth	320 Mbps or 200 Mbps (when RAID is enabled)	
	Outgoing bandwidth	256 Mbps, or 200 Mbps (when RAID is enabled)	
	Remote connections	128	
Audio/video output	Recording resolutions	3, 4, 5, 6, 8, 12 MP / 1080p / UXGA / 720p / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF	
	CVBS output (Optional)	1 ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
	VGA1 / HDMI1 output resolution	HDMI1: <b>4K:</b> 3840 × 2160 / 60 Hz, 3840 × 2160 / 30 Hz <b>2K:</b> 2560 × 1440, 1920 × 1080p, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768 / 60 Hz	
		VGA1: <b>2K:</b> 2560 × 1440, 1920 × 1080p, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768 / 60 Hz	
	VGA2 / HDMI2 output resolution	1920 × 1080p, 1280 × 1024, 1280 × 720, 1024 × 768 / 60 Hz	
Audio output	2-ch, RCA (2.0Vp-p, 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 disk	SATA	8 x SATA interfaces for 8HDDs	
	eSATA	1 x eSATA interface	
	Capacity	Up to 10 TB capacity for each HDD	
Disk array	Array type	RAID0, RAID1, RAID5, RAID6, RAID10	
	Number of arrays	4	
External interface	Network interface	2 x RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
	Serial interface	RS-232; RS-485; Keyboard	
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarm in / out	16 / 4	
General	Power supply	100 to 240 VAC, 50 to 60 Hz	
	Max. power	200 W	
	Consumption (without HDD)	≤ 30 W	
	Operating temperature	14° to 131° F (-10° to 55° C)	
	Operating humidity	10 to 90 %	
	Dimensions(W × D × H)	17.5 × 18.5 × 3.5 in. (445 × 470 × 90 mm)	
	Weight (without HDD)	≤ 17.6 lbs (8 kg)	

## Physical Interfaces



Index	Description	Index	Description
1	LAN1 / LAN2 Interface	7	RS-232 Interface
2	LINE IN	8	eSATA Interface
3	AUDIO OUT	9	Alarm In / Alarm Out
4	HDMI1 / HDMI2 Interface	10	100 to 240 VAC Power Supply
5	VGA1 / VGA2 Interface	11	Power Switch
6	USB 3.0 Interface	12	GND