LTD8424K-ST/ LTD8432K-ST
TURBO HD DVR

Key Features

- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTVI/AHD/CVI/CVBS/IP video input.
- Max 40/48 IP cameras input (up to 8 MP).
- Max 800 m for 1080p and 1200 m for 720p HDTVI signal.
- Up to 10 TB capacity per HDD.
- Support POS triggered recording and POS information overlay.

Compression and Recording

- H.265 Pro+ can improve encoding efficiency and reduce the data storage cost.
- Full channel recording at up to 8 MP resolution.

Storage and Playback

- 4 SATA interfaces and 1 eSATA interface.
- Smart search for efficient playback.
- Support the 3rd party cloud storage.
- RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme.

Smart Function

- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras.
- Supports line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection.

Network & Ethernet Access

- PT Cloud & DDNS (Dynamic Domain Name System) for easy network management.
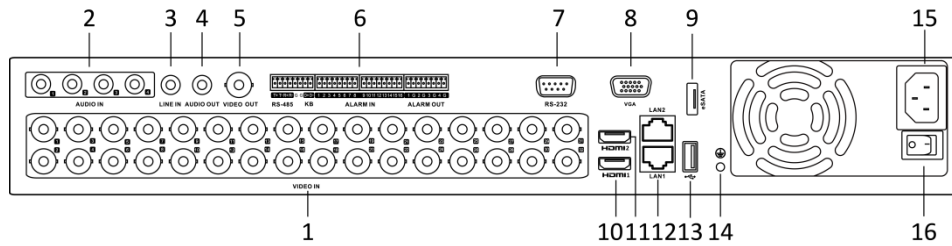- Output bandwidth limit configurable.

Specifications

Model	LTD8424K-ST	LTD8432K-ST
Recording		
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264	
Encoding resolution	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	
Frame rate	Main stream: 8 MP@8fps/5 MP@12fps; 4 MP@15fps; 3 MP@18fps; 1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	
	Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	
Video bit rate	32 Kbps to 10 Mbps	
Dual stream	Support	
Stream type	Video, Video & Audio	
Audio compression	G.711u	
Audio bit rate	64 Kbps	
Video and Audio		
IP video input	16-ch (up to 40-ch)	16-ch (up to 48-ch)
	Up to 8 MP resolution	
	Support H.265+/H.265/H.264+/H.264 IP cameras	
Analog video input	24-ch	32-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
HDTVI input	8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60	
AHD input	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30	
HDCVI input	4 MP, 1080p25, 1080p30, 720p25, 720p30	
CVBS input	PAL/NTSC	
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
HDMI1/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
HDMI2 output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)	
Audio output	1-ch, RCA (Linear, 1 KΩ)	
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)	
Synchronous playback	16-ch	
Network		
Remote connections	128	
Network protocols	TCP/IP, PPPoE, DHCP, PT Cloud, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP	
Network interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
Auxiliary interface		
SATA	4 SATA interfaces	
eSATA	Support	
Capacity	Up to 10 TB capacity for each disk	
Serial interface	RS-232, RS-485 (full-duplex), Keyboard	
Alarm in/out	16/4	

USB interface	Front panel: 2 × USB 2.0
	Rear panel: 1 × USB 3.0
General	
Power supply	100 to 240 VAC, 50 to 60 Hz, 1.3 A
Consumption (without HDD)	≤ 74 W
Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working humidity	10% to 90%
Dimensions (W × D × H)	440 × 390 × 70 mm (17.3 × 15.4 × 2.8 inch)
Weights (without HDD)	≤ 7 kg (15.4 lb)

Physical Interfaces

NOTE The rear panel of LTD8424K-ST provides 24 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	9	eSATA Interface
2	AUDIO IN, RCA Connector	10	HDMI1 Interface
3	LINE IN	11	HDMI2 Interface
4	AUDIO OUT	12	LAN1 and LAN2 Network Interfaces
5	VIDEO OUT	13	USB Interface
6	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT	14	GND
7	RS-232 Serial Interface	15	100 to 240 VAC Power Input
8	VGA Interface	16	Power Switch