

LTD8504K-DT

Platinum Smart 4 Channel HD-TVI DVR



Features and Functions

VCA Detection

- Deep learning-based analysis: re-recognition of the human body or vehicle target in behavior detection to filter false alarm, supports 4-ch detection

Video Input and Transmission

- Self-adaptive HDTV/HD-CVI/AHD/TVBS signal input
- When enhanced IP mode enabled, up to 8-ch 8 MP IP cameras input for LTD8504K-DT
- 5 MP/4 MP HDTV video input and live view for LTD8504K-DT
- Defogging function enabled for the supported analog cameras
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTV signal

Compression and Recording

- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- Connectable to H.265+/H.265/H.264+/H.264 IP cameras
- H.265 Pro+/H.265 Pro can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 5 MP resolution for LTD8504K-DT

Video Output

- Simultaneous HDMI/VGA output
- HDMI output at up to 1920 × 1080 resolution
- Separate CVBS output

Storage and Playback

- 1 SATA interface (up to 10 TB capacity per HDD)
- 4-ch synchronous playback
- Smart search for efficient playback
- Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Supports 2-ch sudden scene change detection
- VCA information overlay in live view and smart playback

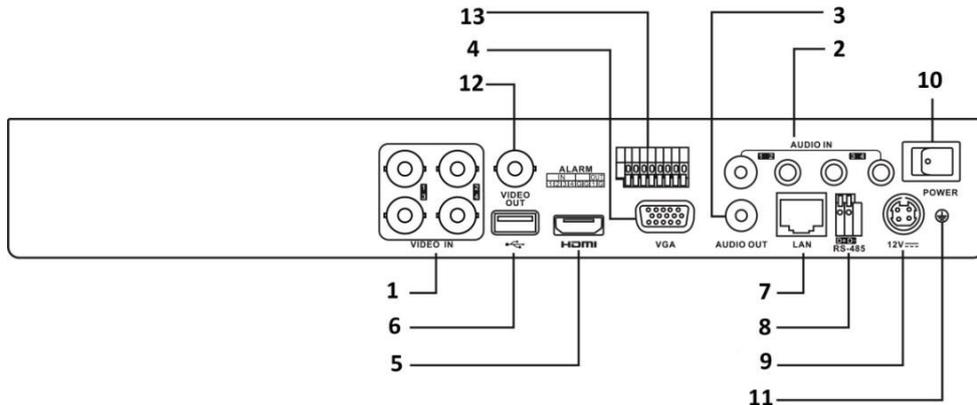
Network & Ethernet Access

- LTS-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M self-adaptive Ethernet interface for LTD8504K-DT
- Output bandwidth limit configurable, up to 96M for LTD8504K-DT

Specifications

Model	LTD8504K-DT	
Video/Audio input	Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
	Analog video input	4-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HDTVI input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25
	AHD input	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30
	HDCVI input	4 MP, 1080p25, 1080p30, 720p25, 720p30
	CVBS input	PAL/NTSC
	IP video input	Up to 8-ch
		Up to 8 MP resolution
Supports H.265+/H.265/H.264+/H.264 IP cameras		
Audio compression	G.711u	
Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)	
Video/Audio output	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
	HDMI/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Encoding resolution@ Frame rate	Main stream: 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
	Audio output	1-ch, RCA (Linear, 1 KΩ)
	Audio bit rate	64 Kbps
	Dual stream	Support
	Stream type	Video, Video & Audio
	Synchronous playback	4-ch
Network management	Remote connections	32
	Network protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Hard disk	SATA	1 SATA interface
	Capacity	Up to 10 TB capacity for each disk
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1 st audio input)
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface
	USB interface	2 × USB 2.0
	Serial interface	RS-485 (half-duplex)
	Alarm in/out	4/1
General	Power supply	12 VDC
	Consumption (without HDD)	≤ 10 W
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)
	Working humidity	10% to 90%
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)
	Weight (without HDD)	≤ 1.16 kg (2.6 lb)

Physical Interfaces



Index	Description	Index	Description
1	VIDEO IN	8	RS-485 Serial Interface
2	AUDIO IN, RCA Connector	9	12 VDC Power Input
3	AUDIO OUT, RCA Connector	10	Power Switch
4	VGA Interface	11	GND
5	HDMI Interface	12	VIDEO OUT
6	USB Interface	13	Alarm In/Out
7	LAN Network Interface		