

## LTD8304D-ET

### 4-Channel DVR with 1080p, H.265, MD 2.0, & Direct Search



- 4 channel, 1 x HDD, 1U, MD 2.0
- Supports 1 ch. Facial Recognition or 2 chs. advanced VCAs based on Deep Learning algorithm
- Supports Two-Way HD-TVI Audio technology
- Efficient H.265 Pro+ compression technology
- Encoding ability up to 3K / 5 MP Lite @ 12 fps
- 5 input signal options (HD-TVI / AHD / CVI / CVBS / IP) (self-adaptive)
- Up to 6 network cameras can be connected
- Supports Motion Detection technology on all channels

### Smart Functions

- Deep learning based human and vehicle target classification with Motion Detection 2.0
- Deep learning based VCA functionality

### Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Recording at up to 3K / 5 MP Lite resolution

### Storage and Playback

- 1 x SATA interface (up to 10 TB capacity)
- Smart search for efficient playback

### Network & Ethernet Access

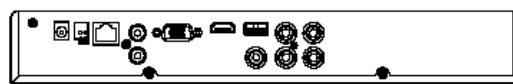
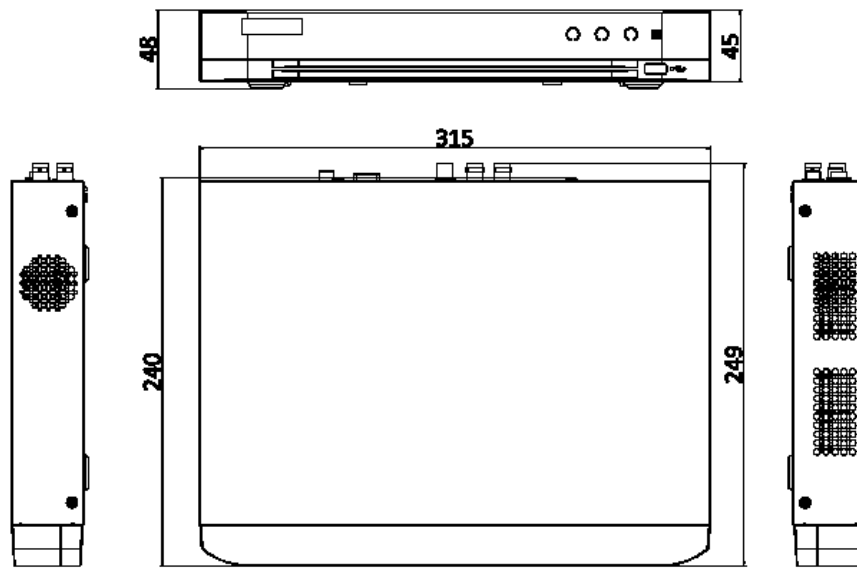
- Compatible with major Wi-Fi dongle products in the market
- LTS Connect & DDNS for easy network management

## Specifications

Model		LTD8304D-ET	
<b>Facial Recognition</b>	Face Comparison	Face Image comparison, face image search (1 ch. of face image comparison alarm for HD analog camera)	
	Face Image Library	Up to 16 face image libraries	
<b>Motion Detection 2.0</b>	Human / Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Direct search by object or event type is supported;	
<b>VCA's</b>	Human / Vehicle Analysis	Up to 2 chs.	
<b>Recording</b>	Video Compression	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264	
	Encoding Resolution	When 1080p Lite mode is not enabled: 3K lite / 5 MP lite / 4 MP lite / 1080p / 720p / VGA / WD1 / 4CIF / CIF When 1080p Lite mode is enabled: 3K lite / 5 MP lite / 4 MP lite / 1080p lite / 720p lite / VGA / WD1 / 4CIF / CIF	
	Frame Rates	Main stream: When 1080p Lite mode not enabled: For 3K stream access: 3K lite @ 12fps; 4 MP lite / 1080p @ 15 fps; 720p / WD1 / 4CIF / VGA / CIF @ 20 fps For 5 MP stream access: 5 MP lite @ 12 fps; 4 MP lite / 1080p @ 15 fps; 720p / WD1 / 4CIF / VGA / CIF @ 20 fps For 4 MP stream access: 4 MP lite / 1080p @ 15 fps; 720p / WD1 / 4CIF / VGA / CIF @ 25 fps (P) / 30 fps (N) For 1080p stream access: 1080p / 720p @ 15 fps; VGA / WD1 / 4CIF / CIF @ 25 fps (P) / 30 fps (N) For 720p stream access: 720p / VGA / WD1 / 4CIF / CIF @ 25 fps (P) / 30 fps (N) When 1080p Lite mode enabled: 3K lite / 5 MP lite @ 12 fps; 4 MP lite @ 15 fps; 1080p lite / 720p lite / VGA / WD1 / 4CIF / CIF @ 25 fps (P) / 30 fps (N) Sub-stream: WD1 / 4CIF @ 12 fps; CIF @ 25 fps (P) / 30 fps (N)	
	Video Bitrate	32 Kbps to 6 Mbps	
	Dual-stream	Supported	
	Stream Type	Video, Video & Audio	
	Audio Compression	G.711u	
	Audio Bitrate	64 Kbps	
	<b>Video and Audio</b>		1 ch (up to 5)
		IP Video Input	Enhanced IP mode on: 2-ch (up to 6-ch), each up to 4 Mbps Up to 6 MP resolution Supports H.265+ / H.265 / H.264+ / H.264 IP cameras

	Analog Video Input	4 chs. BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	HD-TVI Input	3K (2960 × 1665) @ 20 fps, 5 MP (2560 × 1944) @ 20 fps, 4 MP (2560 × 1440) @ 30 fps, 4 MP (2560 × 1440) @ 25 fps, 1080p @ 30 fps, 1080p @ 25 fps, 720p @ 30 fps, 720p @ 25 fps
	AHD Input	5 MP (2592 × 1944) @ 20 fps, 4 MP (2560 × 1440) @ 30 fps, 4 MP (2560 × 1440) @ 25 fps, 1080p @ 30 fps, 1080p @ 25 fps, 720p @ 30 fps, 720p @ 25 fps
	HDCVI Input	5 MP (2592 × 1944) @ 20 fps, 4 MP (2560 × 1440) @ 30 fps, 4 MP (2560 × 1440) @ 25 fps, 1080p @ 30 fps, 1080p @ 25 fps, 720p @ 30 fps, 720p @ 25 fps
	CVBS Input	PAL / NTSC
	CVBS Output	1 ch, BNC (1.0 Vp-p, 75 Ω), Resolution: PAL: 704 × 576, NTSC: 704 × 480
	HDMI Output	1 ch, 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, HDMI / VGA simultaneous output
	VGA Output	1 ch, 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, HDMI / VGA simultaneous output
	Audio Input	1 ch (up to 4 chs. optional), RCA (2.0 Vp-p, 1 KΩ) 4 chs. via coaxial cable
	Audio Output	1 ch, RCA (Linear, 1 KΩ)
	Two-Way Audio	1 ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)
	Synchronous playback	4 chs.
	<b>Network</b>	Remote Connection
Total Bandwidth		72 Mbps
Network Protocol		TCP / IP, PPPoE, DHCP, LTS Connect, DNS, DDNS, NTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Network Interface		1 x RJ45; 10/100 Mbps self-adaptive Ethernet interface
Wi-Fi		Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
<b>Auxiliary Interface</b>	SATA	1 x SATA interface, up to 10 TB capacity for each disk
	Serial Interface	RS-485 (half-duplex)
	USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0
	Alarm In / Out	N/A (optional support)
<b>General</b>	Power Supply	12 V DC, 1.5 A
	Consumption	≤ 18 W
	Operating Temperature	14° to 131° F (-10° to 55° C)
	Operating Humidity	10% to 90%
	Dimensions (W × D × H)	12.4 × 9.5 × 1.8 inches (315 × 242 × 45 mm)
	Weight	≤ 2.6 lb (1.16 kg)

## Dimensions



scale/1:1;Unit/mm

