LTD8308D-ETC

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

- 8 channels, 1 HDD, 1U, MD 2.0

- Supports 2 chs. Facial Recognition or 4 chs. advanced VCA functionality based on Deep Learning algorithm

- Supports HD-TVI Two-Way Audio technology

- Efficient H.265 pro+ compression technology

- Encoding ability up to 3K / 5M Lite @ 12 fps

- 5 input signal options (HD-TVI / AHD / CVI / CVBS / IP) (self-adaptive)

- Up to 12 network cameras can be connected

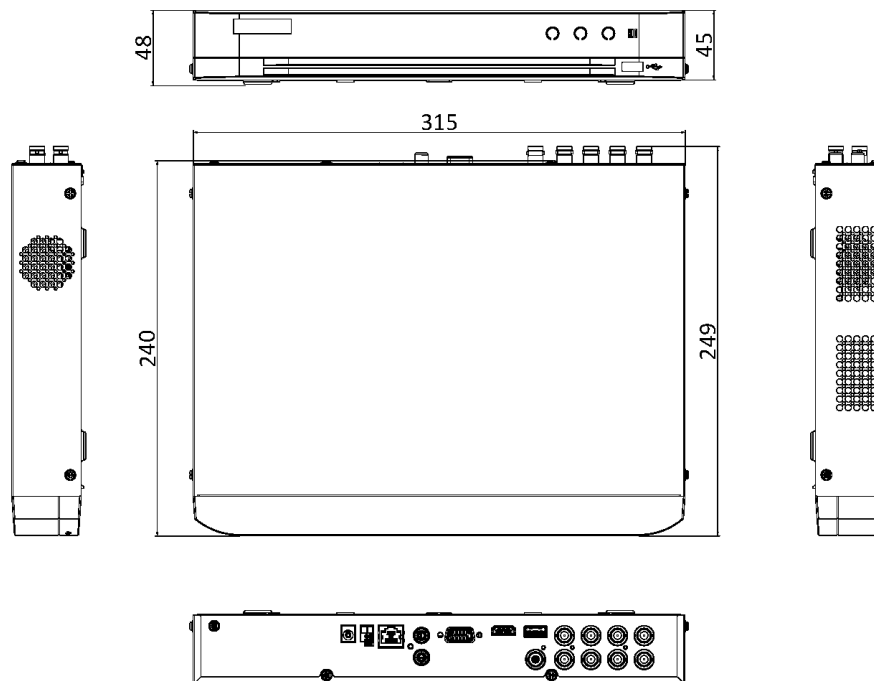- Supports Motion Detection technology on all channels

Specifications

Facial Recognition	
Face Image Library	Up to 16 face image libraries
Face Image Comparison (Captured from camera)	Face image comparison, face image search (face image comparison alarm for HD analog camera)
Motion Detection 2.0	
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;
VCA	
Human / Vehicle Analysis	Up to 4 chs. Note: Face image comparison, motion detection 2.0 and VCA cannot be enabled at the same time. Enable one function will make the other two unavailable.
Recording	
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@15fps;720p/WD1/4CIF/VGA/CIF@20fps For 5 MP stream access: 5 MP lite@12fps;4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps For 4 MP stream access: 4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) When 1080p Lite mode enabled: 3K lite/5 MP lite@12fps;4 MP lite@15fps;1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
Video Bitrate	32 Kbps to 6 Mbps
Dual-stream	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps

Video and Audio	
IP Video Input	2 chs. (up to 10 chs.) Enhanced IP mode on: 4 chs. (up to 12 chx.), each up to 4 Mbps Up to 6 MP resolution Support H.265+ / H.265 / H.264+ / H.264 IP cameras Note: Enhanced IP mode might be conflicted with smart events (face image comparison, motion detection 2.0 and VCA) or other functions, please refer to the user manual for details.
Analog Video Input	8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HD-TVI Input	3K (2960 x 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
HDMI Output	1 ch. 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 6 0Hz, HDMI /VGA simultaneous output
VGA Output	1 ch. 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, HDMI / VGA simultaneous output
CVBS Output	1 ch. BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Input	4 chs. RCA (2.0 Vp-p, 1 KΩ) 8 chs. via coaxial cable Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.
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	8 chs.
Network	
Remote Connection	64
Total Bandwidth	96 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
Auxiliary Interface	
Serial Interface	RS-485 (half-duplex)
HDD Connections	1 x SATA interface, up to 10 TB capacity for each disk
Alarm In / Out	8 /4
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0

General

General	
Power Supply	12 VDC, 1.5 A
Consumption	≤ 18 W (without HDD)
Operating Temperature	14° 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	≤ 3.9 lb (1.78 kg) (without HDD)

Dimensions

scale/1:1;Unit/mm