LTD8308D-ETC

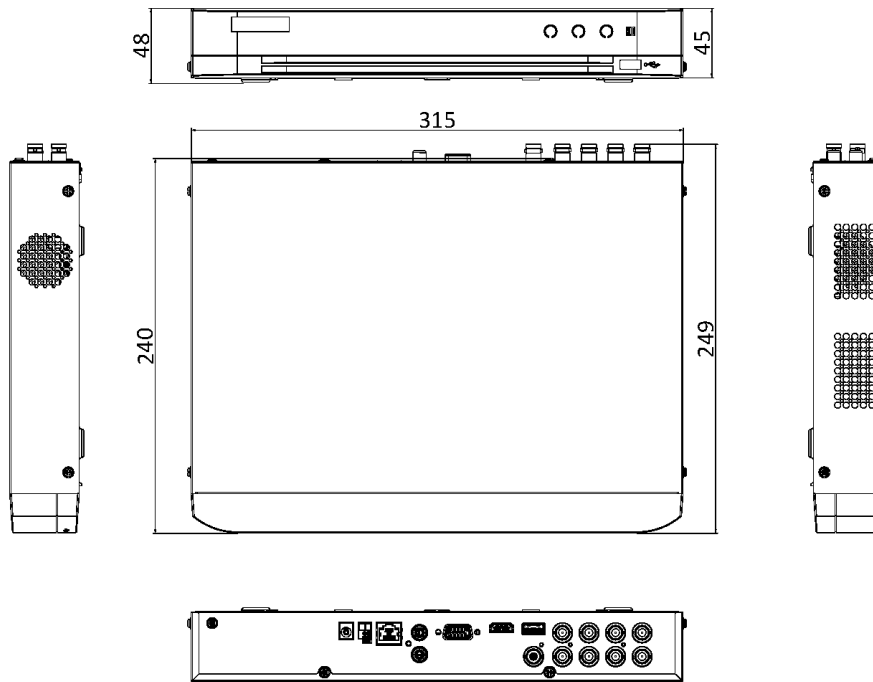## Platinum 8 Channel DVR with Direct Search & MD 2.0

- 8 channels, single HDD, 1U, MD 2.0 DVR
- Supports 2 channels of Facial Recognition or 4 channels of advanced VCA based on Deep Learning algorithm
- Supports 4 channels of Direct Search Technology
- Efficient H.265 Pro+ compression technology
- Encoding ability up to 3K / 5 MP Lite @ 12 fps
- 5 signals input adaptively (HD-TVI / AHD / CVI / CVBS / IP)
- Up to 12 channels of network cameras can be connected
- Supports Motion Detection Technology on all channels
- Supports HD-TVI Two-Way Audio 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 (2 channels 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. Quick search by object or event type is supported.

VCA	
Human / Vehicle Analysis	Up to 4 channels Note: Face image comparison, motion detection 2.0 and VCA cannot be enabled at the same time. Enabling one function will make the other two unavailable.

Video and Audio	
IP Video Inputs	2 channels (up to 10 channels) Enhanced IP mode on: 4 channels (up to 12 channels), Up to 6 MP resolution 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 Inputs	8 channels BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HD-TVI Inputs	3K (2960 x 1665) @ 25 / 20 fps, 3K (3328 x 1504) @ 20 fps, 5 MP (2560 x 1944) @ 20 fps, 4 MP (2560 × 1440) @ 25 / 30 fps, 1080p @ 25 / 30 fps, 720p @ 25 / 30 fps
AHD Inputs	5 MP (2560 × 1944) @ 20 fps, 4 MP (2560 × 1440) @ 25 / 30 fps,1080p @ 25 / 30 fps, 720p @ 25 / 30 fps
HD-CVI Inputs	3K (2880 1620) @ 25 / 20 fps, 5MP (2592 x 1944) @ 20 fps, 4 MP (2560 x 1440) @ 25 / 30 fps,1080p @ 25 / 30 fps, 720p @ 25 / 30 fps
CVBS Inputs	PAL/NTSC
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
CVBS Output	1 ch, BNC (1.0 Vp-p, 75 Ω), Resolution: PAL: 704 × 576, NTSC: 704 × 480
Audio Inputs	1 ch (up to 8 chs is optional), 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

Recording	
Video Compression	H.264 / H.264+ / H.265 / H.265 Pro / H.265 Pro+
Encoding Resolutions	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 @ 12 fps; 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 Bitrates	32 Kbps to 6 Mbps
Dual-stream	Supports main stream or sub stream
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
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)
SATA	1 Sx ATA interface, up to 10 TB capacity for each disk
Alarm In/Out	N/A (optional to Supports
USB Interface	Front panel: 1 × USB 2.0 Rear panel: 1 × USB 2.0
General	
Power Supply	12 V DC, 1.5 A
Consumption	≤ 18 W (without HDD)
Operating Temperature	14° to 131° F (-10° to 55° C)
Operating Humidity	10% to 90%
Dimensions (W × D × H)	12.6 × 9.3 × 1.9 inch (319 × 236 × 48 mm)
Weight	≤ 3.9 lb (1.78 kg) (without HDD)

Dimensions

48
45
315
240
249

scale/1:1;Unit/mm

AUDIO IN
AUDIO IN
4.50 mm
VIDEO OUT
VIDEO IN
HDMI
VGA
AUDIO OUT
LAN
RS-485
12V
IN — ALARM — OUT
1.57 mm