32-ch 8MP 1.5U H.265 MD2.0 DVR

LTD8032M-ST

Key Feature

- Deep learning-based perimeter protection
- Deep learning-based motion detection 2.0 for all analog channels
- Up to 32-ch analog camera inputs and 4 SATA interfaces
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- Up to 8 MP@8 fps/5 MP@12 fps encoding capability
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Up to 64-ch network camera inputs
- POS triggered recording and POS information overlay





Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 4 MP Lite resolution

Storage and Playback

- 4 SATA interfaces and 1 eSATA interface
- 32-ch 1080p@30 fps decoding capability
- RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme

Network & Ethernet Access

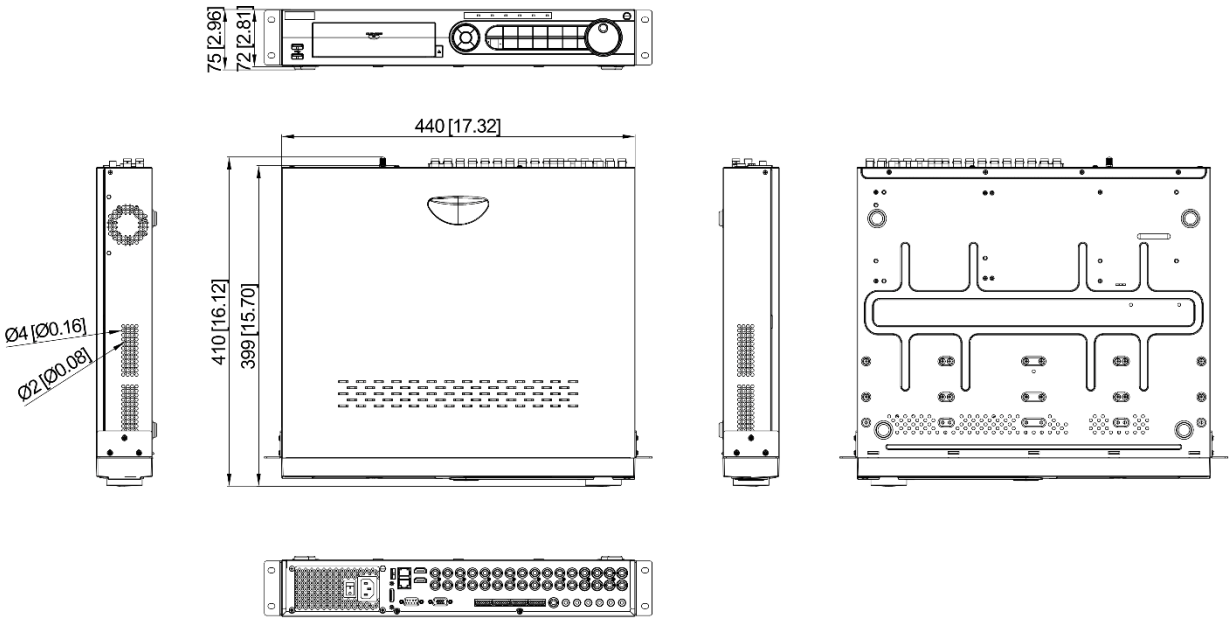
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- LTS Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

▪ Specification

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;
Perimeter Protection	
Human/Vehicle Analysis	Up to 16-ch, for channel 1/2/3/4/9/10/11/12/17/18/19/20/25/26/27/28 only
Video and Audio	
IP Video Input	32-ch (up to 64-ch); Up to 12 MP resolution; Support H.265+/H.265/H.264+/H.264 IP cameras
Analog Video Input	32-ch; BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
Incoming Bandwidth	320 Mbps
Outgoing Bandwidth	256Mbps
HDTVI Input	8 MP, 3K, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30
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
HDMI 1 Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI 2 Output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video Output Mode	HDMI1/VGA simultaneous output, HDMI2/VGA independent output
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)
VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Synchronous Playback	16-ch
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	8 MP/3K/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF

Frame Rate	Main stream: 8 MP@8 fps/3K@12 fps/5 MP@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
Video Bitrate	32 Kbps to 10 Mbps
Dual-stream	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Network	
Remote Connection	128
Network Protocol	TCP/IP, PPPoE, DHCP, LTS Connect, DNS, DDNS, NTP, IP Portal, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP
Network Interface	2, RJ45 10/100/1000Mbps self-adaptive Ethernet interface
Auxiliary Interface	
SATA	4 SATA interfaces
eSATA	Support
Capacity	Up to 12 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
Consumption	≤ 55 W (without HDD)
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	17.3 × 15.7 × 2.8 inch (440 × 399 × 72 mm)
Weight	≤ 15.4 lb (without HDD, 7 kg.)

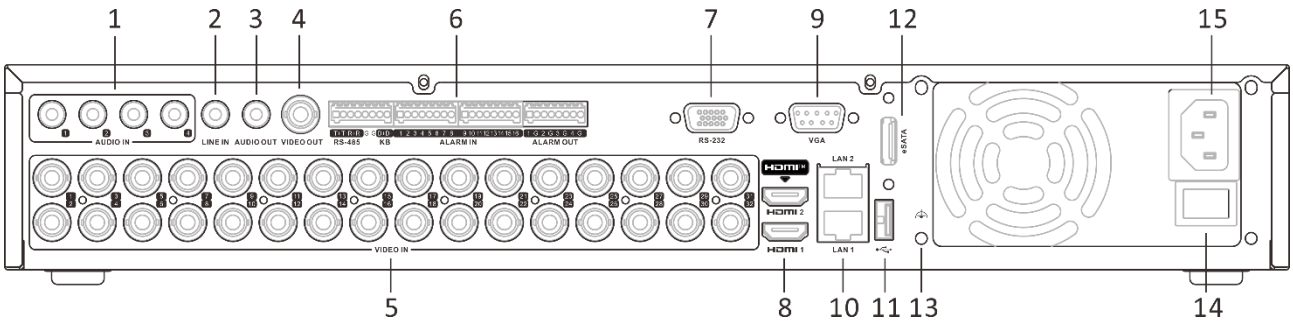
Dimension



Unit:mm [inch]

SCALE	1:1

Physical Interface



No.	Description	No.	Description
1	Audio in	9	VGA interface
2	Line in	10	LAN1 and LAN2 interfaces
3	Audio out	11	USB interface
4	Video out	12	eSATA interface
5	Video in	13	GND
6	Alarm out, alarm in, RS-485, and keyboard	14	Power switch
7	RS-232 interface	15	Power supply
8	HDMI1 and HDMI2 interfaces		