

LTD8416M-ST

Platinum Four-Drive HD DVR

Key Features

- Up to 16 channels of analog camera inputs and 4 SATA interfaces
- Video compressions from H.264 to H.265 Pro+
- Up to 8 MP @ 8 fps and 5 MP @ 12 fps encoding capability
- Multiple video inputs
- Up to 34 network camera inputs
- POS-triggered recording and POS information overlay
- Multiple RAID options for even more reliable storage, preventing data loss



Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency and reduces data storage costs
- Full channel recording at up to 8 MP resolution

Storage and Playback

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

Network & Ethernet Access

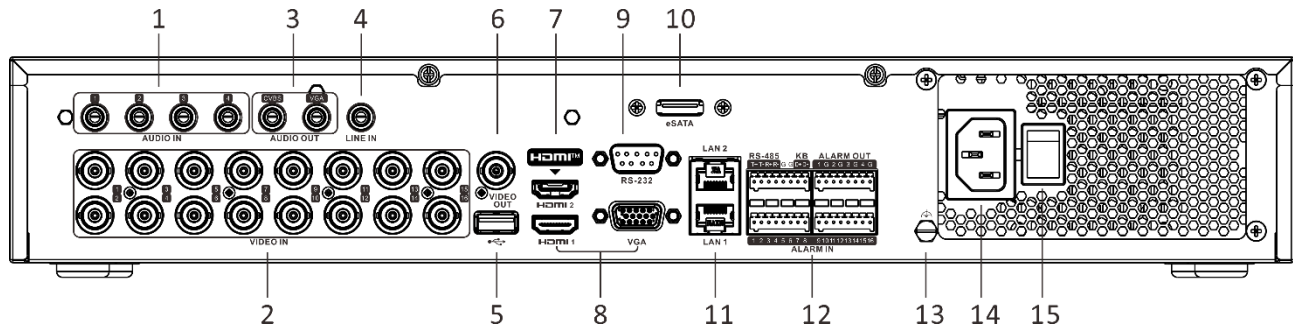
- Two self-adaptive 10/100/1000 Mbps Ethernet interfaces
- LTS Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

Specifications

Recording	
Video Compressions	H.265 Pro+ / H.265 Pro / H.265 / H.264+ / H.264
Encoding Resolutions	8 MP / 3K / 5 MP / 4 MP / 3 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF
Frame Rates	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	Supported
Stream Type	Video, Video & Audio
Audio Compression	G.711 u
Audio Bitrate	64 Kbps
Video and Audio	
IP Video Input	18 channels (up to 34) Up to 12 MP resolution Support for H.265+ / H.265 / H.264+ / H.264 IP cameras
Analog Video Input	16 channel BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI Input	3K; 4 & 5 MP; 3, 4, 5, 8 MP; 1080p @ 25 & 30 fps; 720p @ 25, 30, 50, & 60 fps
AHD Input	4 & 5 MP, 720p @ 25 & 30 fps, 1080p @ 25 & 30 fps
HDCVI Input	4 MP; 720p @ 25 & 30 fps; 1080p @ 25 & 30 fps
CVBS Input	PAL / NTSC
CVBS Output	1 channel, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
HDMI 1 Output	1 ch, 1920 × 1080 @ 60 Hz, 1280 × 1024 @ 60 Hz, 1280 × 720 @ 60 Hz, 1024 × 768 @ 60 Hz
HDMI 2 Output	1 ch, 4K (3840 × 2160) @ 30 Hz, 2K (2560 × 1440) @ 60 Hz, 1920 × 1080 @ 60 Hz, 1280 × 1024 @ 60 Hz, 1280 × 720 @ 60 Hz, 1024 × 768 @ 60 Hz
VGA Output	1 ch, 1920 × 1080 @ 60 Hz, 1280 × 1024 @ 60 Hz, 1280 × 720 @ 60 Hz, 1024 × 768 @ 60 Hz
Video Output Mode	HDMI1 / VGA simultaneous output; HDMI2 / VGA independent output
Audio Input	4 ch, RCA (2.0 Vp-p, 1 KΩ)
Audio Output	2 ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1 ch, RCA (2.0 Vp-p, 1 KΩ) (independent)
Synchronous Playback	16 channels
Network	
Total Bandwidth	320 Mbps

Remote Connections	128
Network Protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP
Network Interface	2 x RJ45 10M/100M/1000M self-adaptive Ethernet interface
Auxiliary Interface	
SATA	4 x SATA interfaces
eSATA	Supported
Capacity	Up to 12 TB storage capacity for each disk
Serial Interface	RS-232, RS-485 (full-duplex), keyboard
Alarm In / Out	16 / 4
USB Interface	Front panel: 2 x USB 2.0 Rear panel: 1 x USB 3.0
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 35 W (without HDD)
Operating Temperature	14° to 131° F (-10° to 55° C)
Operating Humidity	10% to 90%
Dimensions (W x D x H)	17.5 x 15.7 x 2.8 in. (445 x 400 x 71 mm)
Weight (without HDD)	≤ 11.0 lbs (5 kg)

Physical Interface



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