

# Platinum Advanced Level 16 Channel HD-TVI DVR LTD8416K-ST

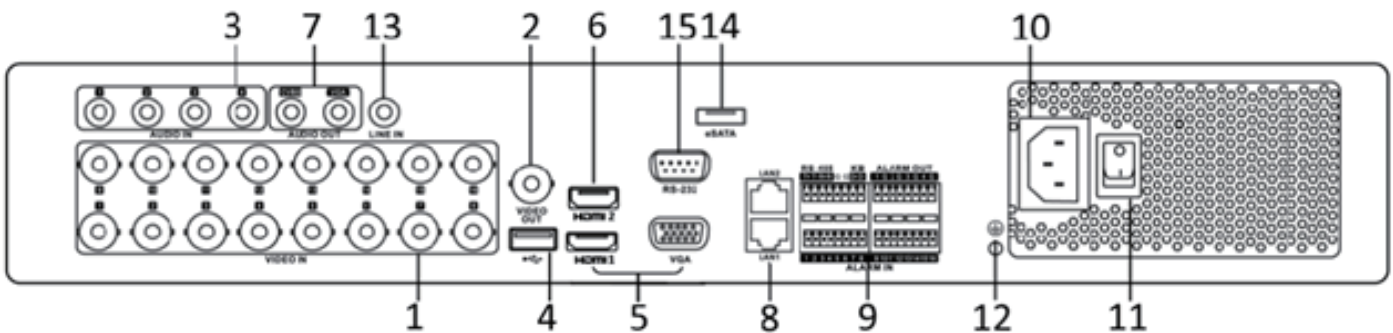


## Key Features:

- Support HDTV / HDCVI / AHD / CVBS / IP cameras
- Full channel recording at up to 5 MP resolution
- Up to 18-ch 8MP IP cameras input
- HDMI1 and VGA output at up to 1080P, HDMI2 output at up to 4K (3840 × 2160) resolution.

## Rear Panel:

- |                                     |  |
|-------------------------------------|--|
| 1. VIDEO IN                         | 8. LAN1 and LAN2 Network Interfaces                                    |
| 2. VIDEO OUT                        | 9. RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT |
| 3. AUDIO IN, RCA Connector          | 10. 100 to 240VAC Power Input  |
| 4. USB Interface                    | 11. Power Switch   |
| 5. HDMI1/VGA Interface              | 12. GND  |
| 6. HDMI2 Interface                  | 13. LINE IN  |
| 7. CVBS AUDIO OUT and VGA AUDIO OUT | 14. eSATA Interface  |
|                                     | 15. RS-232 Serial Interface  |



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Video Solutions for Security Professionals™

## VIDEO/ AUDIO INPUT

Video compression	H.265+/H.265/H.264 Zip+/H.264
Analog video input	16ch BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection
HDTVl input	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25
AHD input	1080p25, 1080p30, 720p25, 720p30
HDCVI input	1080p25, 1080p30, 720p25, 720p30
CVBS input	Support
IP video input	2-ch (up to 18-ch), Up to 8 MP resolution, Supports H.265+/H.265/H.264 Zip+/H.264 IP cameras
Network bandwidth	260 Mbps
Audio compression	G.711u
Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)

## VIDEO/ AUDIO OUTPUT

HDMI1/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz
HDMI2	1-ch, 4K(3840 × 2160)/30Hz, 2K(2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz
Encoding resolution	5 MP/4 MP/3MP/1080p/720p/WD1/4CIF/VGA/CIF
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Frame rate	Main stream: 5MP@12fps/4 MP@15fps/3 MP@18fps, 1080p/720p/WD1/4CIF/VGA/CIF@25fps(P)/30fps(N) Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)
Video bit rate	32 Kbps-10Mbps
Audio output	2-ch, RCA (Linear, 1 kΩ)
Audio bit rate	64 Kbps
Dual-stream	Support
Stream type	Video, Video & Audio
Synchronous playback	16ch

## NETWORK

Remote connections	128
Network protocols	TCP/IP, PPPoE, DHCP, PT Cloud P2P, DNS, DDNS, NTP, IP Portal, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP

## HARD DISK/DISK ARRAY

SATA	4 SATA
eSATA	Support
Capacity	Up to 8TB capacity for each disk
Array type	RAID0, RAID1, RAID5, RAID6, RAID10

## EXTERNAL INTERFACE

Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)
Network interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
Serial interface	RS-232, RS-485 (full-duplex), Keyboard
USB port	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm in/ out	16/4

## GENERAL

Power supply	AC 100 to 240 V
Consumption	≤ 65W
Working temperature	-10 ° C ~ +55 ° C (14° F - 131° F)
Working humidity	10% ~ 90%
Dimensions (WxDxH)	445 × 390 × 70 mm (17.5 × 15.4 × 2.8 inch)
Weight	≤ 5Kg (11lb)