



HLV-16

Specification Summary

- Supports up to 16CH IP Cameras (6MP/5MP/4MP/3MP/1080P/960P/720P/D1)
- Video Compression: H.265S / H.265+ / H.265 / H.264
- HDMI & VGA Output up to 1080P (1920x1080)
- Supports 9CH Simultaneous Playback
- Smart Search & Alarm Functions (Motion, Sensor, Exception, Smart Events)
- Supports 1 x SATA HDD (Max 10TB)
- Full Network Protocols: TCP/IP, HTTP, HTTPS, RTSP, ONVIF, etc.
- Mobile App Support: iOS, Android
- Bandwidth: 64Mbps (Input) / 64Mbps (Output)
- Compact Size: 255 × 222 × 42 mm



Highlights

◆ 16CH High-Definition IP Video Input

Supports 6MP, 5MP, 4MP, 3MP, 1080P, 960P, 720P, and D1 resolutions for flexible IP camera integration.

◆ Advanced Video Compression

H.265S / H.265+ / H.265 / H.264 encoding ensures optimized storage efficiency and smooth video streaming.

◆ Simultaneous 9CH Playback & 1080P Display

Supports up to 9 channels of synchronized playback with HDMI and VGA output up to 1920x1080 resolution.

◆ Smart Search & Intelligent Alarm Functions

Features smart search with color-coded events, and comprehensive alarm triggering including motion, sensor, exception, and smart analytics.

◆ Flexible Storage & Backup Options

Supports 1 SATA3.0 HDD (up to 10TB), USB flash drive backup, and network backup functions.

◆ Enhanced Network Protocol Support

Comprehensive protocol compatibility including TCP/IP, HTTP, HTTPS, DHCP, DDNS, RTP/RTSP, UPnP, ONVIF, IPv6, SNMP, etc.

◆ Support Remote control

Remote control via Web Client or CMS : preview, playback, backup, PTZ, status and configuration

◆ Mobile Device Support

Remote monitoring via iOS and Android applications, with up to 64 simultaneous user connections.

◆ Robust Performance & Reliability

Up to 64Mbps incoming and 64Mbps outgoing bandwidth ensures stable multi-channel streaming and recording.

◆ Compact Design with Low Power Consumption

Space-saving dimensions (255 x 222 x 42mm), efficient power usage (<5W without HDD/PoE off), and operational temperature range -10°C to 50°C.

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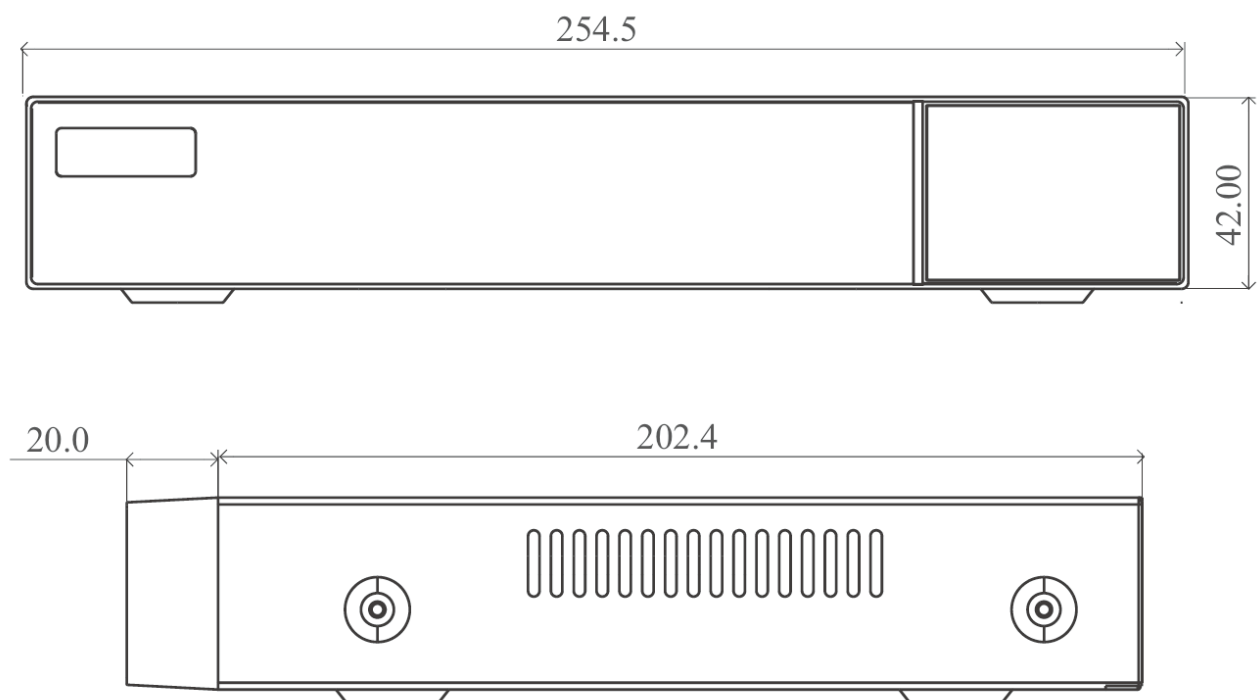
SPECIFICATION

Model	HLV-16
System OS	Embedded Linux
Video Network Input	16 CH IPC input
Network Input Resolution	6MP/5MP/4MP/3MP/1080P/960P/720P/D1/CIF
Video Compression	H.265S / H.265+ / H.265 / H.264
Audio Compression	G.711(U/A)
Multi-screen Display	1 / 4 / 6 / 8 / 9 / 13 / 16
Audio Network Input	16 CH IPC audio input
Record Resolution	6MP/5MP/4MP/3MP/1080P/960P/720P/D1/CIF
Record Frame Rate	25fps (PAL) 30fps (NTSC)
Simultaneous Playback	Max. 9 CH
Search	Time slice / time / event / tag / smart search
Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refer to different record events
Search Function	Play, pause, FF, FB, digital zoom, etc.
Decoding Capability Live View	1CH x 6MP
Decoding Capability Playback	4CH x 720P
Alarm Type	Manual, sensor, motion, exception, smart events, etc.
Alarm Triggering	Record, snapshot, buzzer, preset, e-mail, etc.
Network Interface	RJ 45 100Mbps × 1
Network Protocol	TCP / IP, HTTP, HTTPS, 802.1, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IPv6, IPv4, UDP, WebSocket, PPPoE, SNMP, IGMP, ONVIF, etc.
Incoming Bandwidth	64 Mbps
Outgoing Bandwidth	64 Mbps
Client Connection	Max. 10 users access
Mobile Device OS	iOS, Android
Video Output HDMI	× 1
HDMI Resolution	1920 × 1080 / 1280 × 1024/ 1024 × 768
Video Output VGA	× 1
VGA Resolution	1920 × 1080 / 1280 × 1024/ 1024 × 768
Audio Local Output	HDMI supports the audio output
Storage HDD Interface	SATA3.0 × 1, max 10T
Local Backup	USB flash drive, Network Backup
Port USB	USB 2.0 × 2
Power Supply	DC 12V/1.5A
Power Consumption	≤ 5W (without HDD, and PoE off)
Dimension (mm)	255 × 222 × 42 (W × D × H)
Working Environment	-10 ~ 50 °C, 10% ~ 90% humidity
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, REACH and WEEE



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DIMENSION



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REAL PANEL

