HIKVISION

DS-7604/08/16HI-ST/A
Embedded Hybrid DVR

DS-7604HI-ST/A

DS-7608/7616HI-ST/A

Box Cameras · HD-SDI Cameras · VGA / HDMI · Speaker
Dome Cameras · Cell Phone
Speed Dome · Router · PC Client
INPUT · OUTPUT
DS-7604/7608/7616HI-ST/A
Door Contact · ACCESSORIES · OUTPUT
Alarm
Microphone · USB Device · USB Mouse · Remote Control

Key features

- H.264 video compression
- Third-party network cameras supported
- Up to 5 Megapixels resolution recording
- HDMI and VGA output at up to 1920×1080P resolution
- 4/8/16-ch synchronous playback
- HDD quota and group management

Rear Panel of DS-7608HI-ST/A

1. Video in
2. Video out
3. Audio in
4. USB port
5. HDMI interface
6. VGA interface
7. Audio out
8. LAN interface
9. RS-485 Serial interface
10. Power input
11. Power switcher
12. Alarm I/O

	DS-7604HI-ST/A	DS-7608HI-ST/A	DS-7616HI-ST/A
Video/Audio input			
Analog video input	4-ch	8-ch	16-ch
Video input interface	BNC (1.0 Vp-p, 75 Ω), PAL / NTSC self-adaptive		
IP video input	Up to 8-ch	Up to 16-ch	Up to 32-ch
Composite video input	Up to 8-ch (Analog video + IP video)	Up to 16-ch (Analog video + IP video)	Up to 32-ch (Analog video + IP video)
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)	4-ch, RCA (2.0 Vp-p, 1 KΩ)	
Incoming andwidth	20 Mbps	40 Mbps	80 Mbps
Video/Audio output			
HDMI / VGA output	1920 × 1080 / 60 Hz (1080P), 1600 × 1200 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz		
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
Audio output	1-ch, RCA (Linear, 1 KΩ)		
Max. remote connection	128-ch		
Outgoing bandwidth	40 Mbps	240 Mbps	240 Mbps
Encoding/Decoding Parameters			
Video compression	H.264		
Encoding resolution	Main stream: WD1 / 4CIF / 2CIF / CIF / QCIF Sub-stream: CIF / QCIF		
Frame rate	Main stream: 25 fps (P) / 30 fps (N) Sub-stream: 25 fps (P) / 30 fps (N)		
Video bitrate	32 Kbps ~ 3 Mbps		
Audio compression	G.711	OggVorbis	OggVorbis
Audio bitrate	64 Kbps		
Stream type	Video, Video & Audio		
Dual-stream	Support		
Playback resolution	5MP/3MP/1080p/UXGA/720P/WD1/4CIF/VGA/DCIF/2CIF/CIF/QCIF		
Synchronous playback	8-ch	16-ch	16-ch
Record			
Record mode	Manual recording, Continuous recording, Motion detection recording, Alarm recording, Motion Alarm recording, Motion & Alarm recording		
Playback mode	Instant playback, Normal playback, Event playback, Tag playback		
Backup mode	Normal backup, Event backup		
Network			
Protocol	IPv6, HTTPS, UPnP™, SNMP, NTP, SADP, SMTP, NFS, iSCSI, PPPoE, etc.		
Hard disk			
Type	1 SATA interface	2 SATA interfaces	2 SATA interfaces
Capacity	Up to 4 TB capacity for each disk		
External interface			
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (Using audio input)		
Network interface	1, 10M/100M self-adaptive Ethernet interface	1, 10M/100/1000M self-adaptive Ethernet interface	
Serial interface	1 RS-485 interface, half-duplex		
USB port	2 × USB2.0		
Alarm in/out	4/1	8/4	16/4
General			
Power supply	12 VDC		
Consumption (without hard disk)	Max. 10W		
Working temperature	-10 ºC ~ +55 ºC (14 ºF ~ 131 ºF)		
Working humidity	10%~90%		
Chassis	Standalone 1U chassis	19-inch rack-mounted 1U chassis	
Dimensions (W×D×H)	315 × 242 × 45 mm	445 × 290 × 45 mm	
Weight	Approx. 2 kg / 4.4 lb (without hard disk)		