

DS-90xxHUHI-F8/N Series
TurboHD DVR

TurboHD™

- H.264+ and Dual-Stream Video Compression
- Hot-Swappable HDD Support for RAID 0, RAID 1, RAID 5, RAID 6, and RAID 10
- Full Channel Recording at up to 3 MP
- Full Channel 1080p Real-Time Recording
- HDMI1 and VGA Output up to 1920 x 1080
- HDMI2 Output up to 3840 x 2160
- Long Over-the-Coax Transmission Distance
- 8/16-ch Synchronous Playback



TurboHD DS-90xxHUHI-F8/N Series DVRs feature support of HD-TVI, CVBS and IP cameras on up to 16 channels. They offer long transmission distances and feature H.264+ compression technology, which improves recording efficiency and reduces data storage costs.

Additionally, the DS-90xxHUHI-F8/N Series DVRs support advanced analytics such as line crossing, intrusion, scene change detection, people counting, heat map functionality, and Video Quality Diagnostics (VQD).

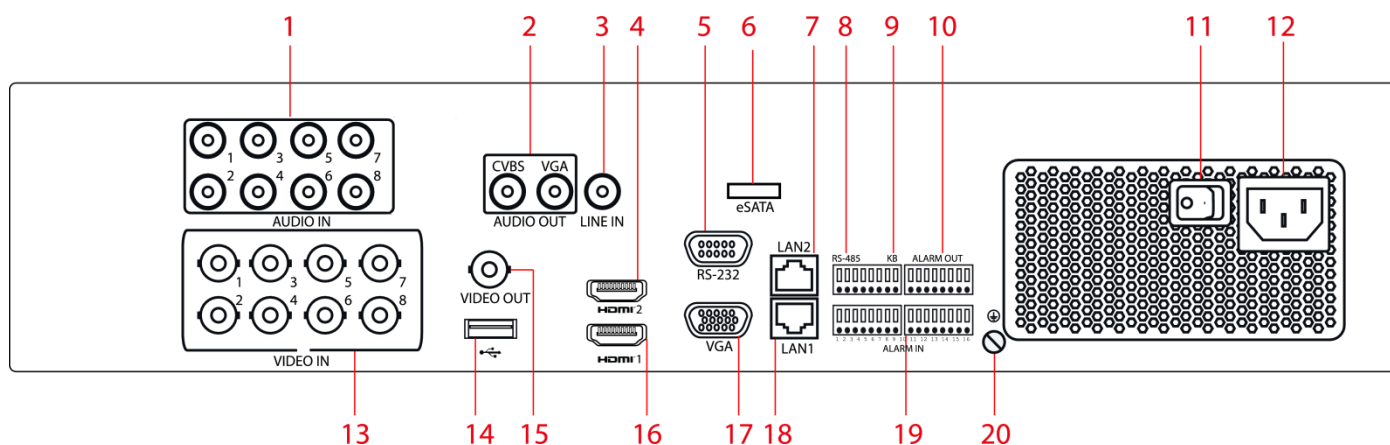
Available Models:

DS-9008HUHI-F8/N

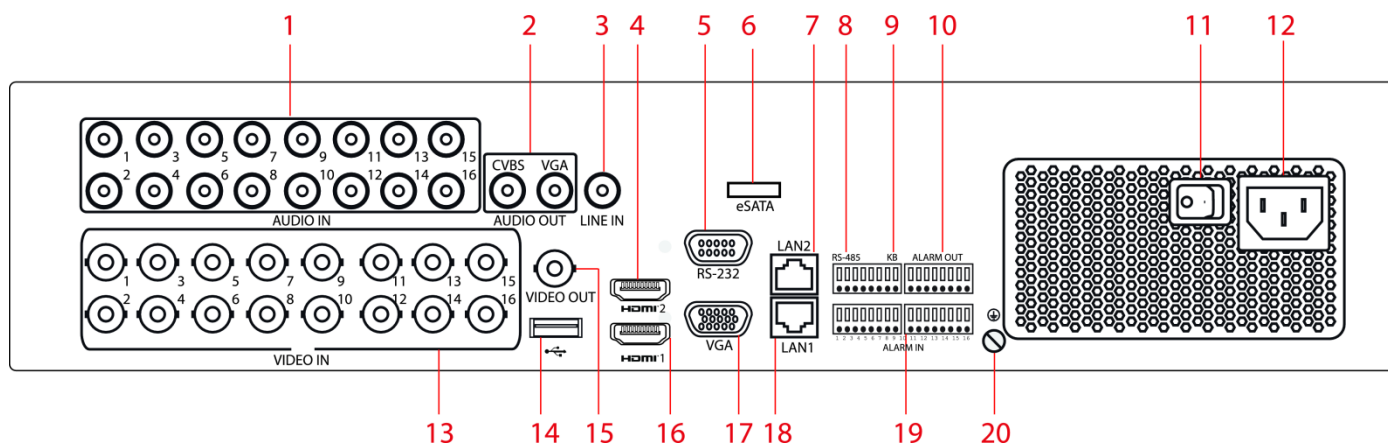
DS-9016HUHI-F4/N

DS-9008HUHI-F8/N		DS-9016HUHI-F8/N	
Video / Audio Input			
Video Compression	H.264+ / H.264		
Analog Video Input	8-ch	16-ch	
	BNC interface (1.0 Vp-p, 75 Ω), supporting UTC (Up-the-Coax) connection		
HD-TVI Input	3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60		
AHD Input	1080p25, 1080p30, 720p25, 720p30		
CVBS Input	Supported		
IP Video Input	10-ch (up to 18-ch)	18-ch (up to 32-ch)	
	Up to 8 MP resolution		
	H.265 / H.264+ / H.264		
Network Bandwidth	260 Mbps	320 Mbps	
Audio Compression	G.711u		
Audio Input	8-ch, RCA (2.0 Vp-p, 1KΩ)	16-ch, (RCA (2.0 Vp-p, 1KΩ)	
Video / Audio Output			
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
HDMI1 / VGA Output	1-ch, 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz		
HDMI2 / VGA Output	1-ch, 4 K (3840 × 2160) / 30 Hz, 2 K (2560 × 1440) / 60 Hz, 1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz,1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz		
Encoding Resolution	3 MP / 1080p / 720p / WD1 / 4CIF / VGA / CIF		
Frame Rate	Main stream: 3 MP@15 fps;1080p / 720p / WD1 / 4CIF / VGA / CIF@ 25 fps (P) / 30 fps (N)		
	Sub-stream: WD1 / 4CIF @ 12 fps; CIF / QVGA / QCIF @ 25 fps (P) / 30 fps (N)		
Video Bit Rate	32 Kbps to 10 Mbps		
Audio Output	2-ch (CVBS and VGA), RCA (Linear, 1 kΩ)		
Audio Bit Rate	64 Kbps		
Dual-Stream	Supported		
Stream Type	Video, video and audio		
Synchronous Playback	8-ch	16-ch	
Network Management			
Remote Connections	128		
Network Protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF,SNMP		
Hard Disk			
SATA	8 SATA interfaces		
eSATA	Supported		
Capacity	Up to 6 TB capacity for each disk		
Disk Array			
Array Type	RAID 0, RAID 1, RAID 5, RAID 6, RAID 10		
External Interface			
Two-Way Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)		
Network Interface	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface		
Serial Interface	RS-485 (half-duplex), 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		
Consumption (without HDD)	≤ 45 W	≤ 65 W	
Working Temperature	14° F to 131° F (-10° C to 55° C)		
Working Humidity	10 to 90 % non-condensing		
Dimensions (W x D x H)	17.5" × 18.5" × 3.5" (445 mm x 470 mm x 90 mm)		
Weight (without HDD)	≤17.6 lbs (8 kg)		

1. AUDIO IN	11. Power Switch
2. CVBS AUDIO OUT and VGA AUDIO OUT	12. 100 to 240 VAC Power Input
3. LINE IN	13. VIDEO IN
4. HDMI2 Interface	14. USB Port
5. RS-232 Serial Interface	15. VIDEO OUT
6. eSATA Interface	16. HDMI1 Interface
7. LAN2 Network Interface	17. VGA Port
8. RS-485 Serial Interface	18. LAN1 Network Interface
9. Keyboard Interface	19. ALARM IN
10. ALARM OUT	20. GND



DS-9008HUHI-F8/N



DS-9016HUHI-F8/N