

DS-6900UDI SERIES DECODER



Features and Functions

Professional and Reliable

- DS-6901UDI provides HDMI, VGA, and BNC output interfaces.
- DS-6904UDI, DS-6908UDI, DS-6910UDI, DS-6912UDI, DS-6916UDI provide HDMI (adaptable to DVI-D) and BNC output interfaces.
- Up to 4K (3840 × 2160@30Hz) via HDMI output interfaces (only for odd interface).
- Up to 16-ch decoding at 12 MP resolution (DS-6916UDI).
- H.265+/H.265, H.264+/H.264, MPEG4 and MJPEG video compression.
- PS, RTP, TS, ES, HIK encapsulation formats.
- Three encoding levels: baseline, main, and high-profile.
- G.722, G711A, G726, G711U, MPEG2-L2, and AAC audio compression.
- Two decoding modes: active decoding and passive decoding.
- Remote video files' decoding output.
- Supports window opening and window roaming.
- Supports multi-screen control with PC installed with RSC server.
- Supports Wi-Fi module access to display the signal from IOS/Android mobile phone or pad on video wall.
- Wi-Fi can be enabled via the Web browser or client software. You can get stream and decode the video on the video wall when Wi-Fi is enabled if no wired network can be accessed.
- Gets stream and decodes via URL and RTSP from encoding devices.
- Displays the decoded video stream on the video wall by directly linking cameras or by stream media forwarding.
- You can configure what the video wall show when decoding ends and streaming fails via the Web browser and client software.
- Configurable LED width and height parameters when the LED is connected.
- Regular and irregular virtual screen configurable to display multiple signal sources and get rid of the restriction of physical screen.
- Accessible by thermal network camera and you can view the temperature measurement, dynamic fire source detection, ship detection and VCA information in live view and playback.
- You can enable or disable the smart information for the thermal network camera.
- Remote PTZ control via transparent channel.
- Two-way audio.
- Port aggregation technology (Ethernet Channel).



DS-6904

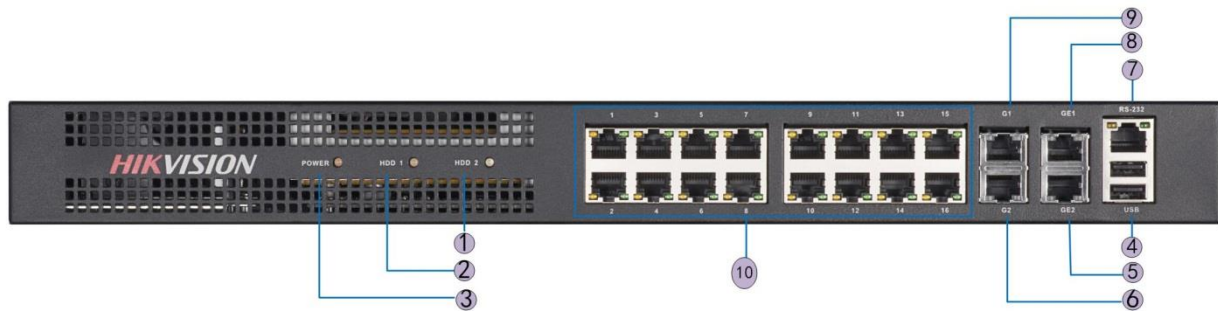
Specifications

Model		DS-6904UDI		
Video/Audio input	VGA and DVI-I input	/	WSXGA: 1680×1050/60Hz WXGA: 1440×900/60Hz WXGA: 1280×800/60Hz, 1366×768/60Hz, 1080p: 1920 × 1080@50/60Hz UXGA: 1600 × 1200@60Hz XVGA: 1280 × 960@60Hz 720p: 1280 × 720@50Hz/60Hz SXGA: 1280 × 1024@60Hz XGA: 1024 × 768@60Hz	
Video/Audio output	HDMI output	/	4-ch	/
	BNC output	/	2-ch, 1 DB 15	/
Audio/ Video decoding	Decoding resolution	Up to 12MP		
	Decoding channel	/	32-ch	/
	Decoding capability	/	12MP@20fps:4-ch 8MP@30fps: 8-ch 5MP@30fps: 12-ch 3MP@30fps: 20-ch 1080p@30fps: 32-ch	/
	Split screen	/	1/4/6/8/9/12/16/25	/
External interface	Network interface	/	2, 10/100/1000 Mbps self-adaptive management network interface 2, 10/100/1000 Mbps self-adaptive Ethernet interface 16, 10M/100Mbps self-adaptive Ethernet interface	
	Serial interface	1 RS-232 (RJ45), 1 RS-485		
	Two-way audio in	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)		
	Two-way audio out	1-ch, 3.5 mm connector (2.0 Vp-p, 1 KΩ)		
	Audio output	/	4-ch, 1 DB 15	/

	Alarm in	8-ch	
	Alarm out	8-ch	
General	Power supply	/	220 VAC
	Power consumption	/	≤ 70 W
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)	
	Working humidity	10% to 90%	
	Dimensions (W × D × H)	/	440 × 311 × 44.5 mm (17.32 × 12.24 × 1.75 inch)
	Weight	/	≤ 5.2 kg (11.4 lb)

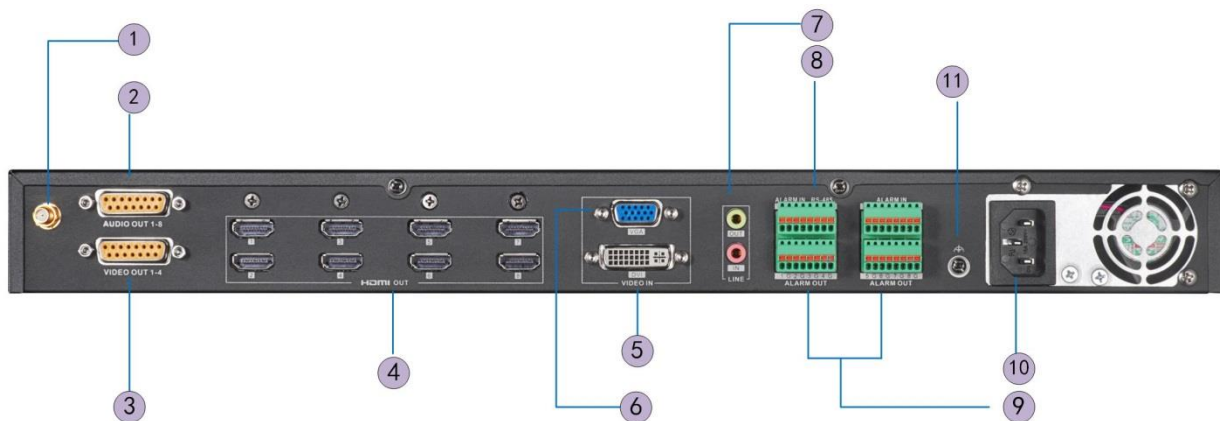
Physical Interfaces

DS-6904UDI/DS-6908UDI Front Panel



Index	Description	Index	Description
1	Power indicator	6	LAN 10/100/1000 Mbps Ethernet interface 2
2	HDD 1 indicator (reserved)	7	RS-232 interface
3	HDD 2 indicator (reserved)	8	Local management network interface 1
4	USB 2.0	9	LAN 10/100/1000 Mbps Ethernet interface 1
5	Local management network interface 2	10	LAN 10/100 Mbps Ethernet interface

DS-6904UDI / DS-6908UDI Rear Panel



Index	Description	Index	Description
1	Wi-Fi	7	Line input/output
2	Audio out	8	RS-485 interface
3	Video out	9	Alarm input/output
4	HDMI video out	10	Power
5	DVI video input	11	GND
6	VGA video input		



DS-6904UDI provides 4-ch HDMI output interfaces and other interfaces are the same with DS-6908UDI