

## ADR8508QHD 8 Channel DVR



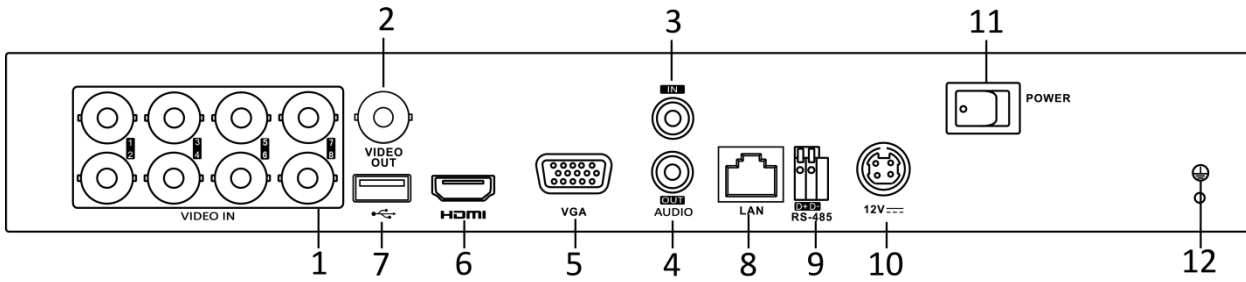
### Features and Functions

- Connectable to HD-TVI, AHD, network and analog cameras;
- Support HDCAM-C protocol for connecting camera over coax;
- Support enabling H.264+ to ensure high video quality with lowered bitrate;
- Simultaneous HDMI, VGA and CVBS outputs, and HDMI/VGA output at up to 1920×1080p resolution for ADR8504QHD, ADR8508QHD and up to 4K (3840 × 2160) resolution for ADR8516QHD;
- One-key recording configurable;
- Redundant recording and holiday recording;
- Main stream and sub-stream parameters configurable for simultaneous recording;
- Support channel-zero encoding;
- Support 1080p lite mode enabled to realize the real-time 1080p lite and 720p lite resolution;
- Instant playback for assigned camera during multi-channel live view mode;
- Up to 4/8/16-ch synchronous playback at 1080p resolution;
- Playback at up to 256X speed;
- Main stream and sub-stream selectable for local/remote playback;
- Playback by smart search and VCA search;
- Customization of tags, searching and playing back by tags;
- Manual video quality diagnostics;
- Supports locking and unlocking of video files;
- HDD quota and group management; different capacity can be assigned to different cameras under quota mode;
- One SATA interface provided for AR314-4/AR314-8; two SATA interface provided for AR314-16;
- One RJ45 10M/100Mbps self-adaptive network interface for ADR8504QHD/ADR8508QHD and one RJ45 10M/100M/1000Mbps self-adaptive network interface for ADR8516QHD;
- Supports access by Cloud P2P;
- Supports SIMPLE DDNS (Dynamic Domain Name System).

## Specifications

Model		ADR8504QHD	ADR8508QHD	ADR8516QHD
Video/Audio input	Video compression	H.264		
	Video input	4-ch	8-ch	16-ch
		BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection		
	Supported HDTV input	1080p/25Hz, 1080p/30Hz, 720p/25Hz, 720p/30Hz, 720P/50Hz, 720p/60Hz		
	Supported AHD input	720p/25Hz, 720p/30Hz		
	CVBS input	Support		
	IP video input	1-ch	2-ch	2-ch
		Up to 2.0 MP resolution		
Audio compression	G.711u			
Audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Video/Audio output	CVBS output	Support		
	HDMI/VGA output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60Hz, 1024 × 768/60 Hz	
	Encoding resolution	When 1080p Lite mode not enabled: 1080p(non-real-time)/720p/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 1080p lite/720p lite/VGA/WD1/4CIF/CIF		
	Frame rate	Main stream: 1/16 fps to real time frame rate		
		Sub-stream: WD1/4CIF@12fps/2CIF (non-real-time); CIF/QVGA/QCIF (real time)		
	Video bit rate	32 Kbps to 6 Mbps		
	Audio output	1-ch, RCA (Linear, 1 KΩ)		
	Audio bit rate	64 Kbps		
	Dual-stream	Support;		
	Stream type	Video, Video & Audio		
Synchronous playback	4-ch	8-ch	16-ch	
Network management	Remote connections	128		
	Network protocols	TCP/IP, PPPoE, DHCP, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard disk	SATA	1 SATA interface	2 SATA interface	
	Capacity	Up to 6TB capacity		
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)		
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
	USB interface	2 × USB 2.0	1 USB 2.0 on the front panel 1 USB 3.0 on the rear panel	
	Serial interface	1; RS-485 serial interface, half-duplex		
General	Power supply	12 VDC		
	Consumption (without HDD)	≤ 15 W	≤ 20 W	≤ 30 W
		Working temperature		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)		
	Weight (without HDD)	≤ 2 kg (4.4lb)	≤ 2 kg (4.4lb)	≤ 2 kg (4.4lb)

## Physical Interfaces



The rear panel of AR314-4 and AR314-16 provide 4 and 16 video input interfaces respectively.

Index	Description	Index	Description
1	VIDEO IN	7	USB Interface
2	VIDEO OUT	8	LAN Network Interface
3	AUDIO IN, RCA Connector	9	RS-485 Serial Interface
4	AUDIO OUT, RCA Connector	10	12VDC Power Input
5	VGA Interface	11	Power Switch
6	HDMI Interface	12	GND

## Available Models

ADR8504QHD, ADR8508QHD, ADR8516QHD