

AR314-16

TURBO HD DVR



Features and Functions

- Connectable to HD-TVI, AHD, network and analog cameras;
- Support HIKVISION-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 a
- 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 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;
- Two SATA interfaces provided;
- One RJ45 10M/100Mbps self-adaptive network interface for DS-7208HQHI-F2/N and one RJ45 10M/100M/1000Mbps
- Supports access by EZVIZ Cloud P2P;
- Supports Hikvision DDNS (Dynamic Domain Name System).



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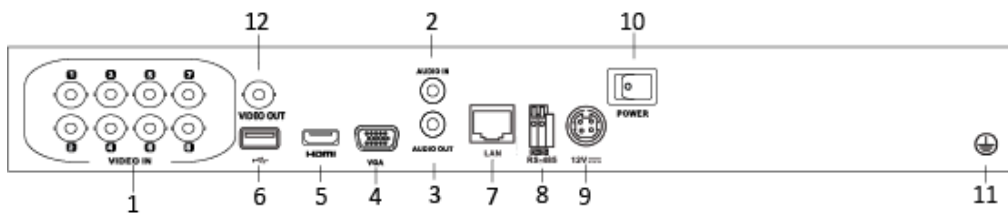
Specifications

Model		AR314-16
Video/Audio input	Video compression	H.264
	Video input	16-ch BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection
	Supported HDTV I 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	2-ch Up to 2.0MP 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, 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	16-ch	
Network management	Remote connections	128
	Network protocols	TCP/IP, PPPoE, DHCP, EZVIZ Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	SATA	2 SATA interfaces
	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/1000M self-adaptive Ethernet interface
	USB interface	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)	≤ 30W
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)
	Working humidity	10% to 90%
	Dimensions (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)
	Weight (without HDD)	≤ 2 kg (4.4lb)

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Physical Interfaces



The rear panel of AR314-16 provides 16 video input interfaces.

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

Winic Technologies USA Inc.

42 Central Avenue, Farmingdale, New York 11735

Tel: +631-396-0800

Fax: +631-396-0805

Email: sales@winictech.com

www.winictech.com

Design and specifications are subject to change without notice.