HR315-8

HD-TVI, IPC, AHD and analog DVR

Features and Functions

Video Input and Transmission

- Connectable to HD-TVI, AHD, network and analog cameras
- Up to 8-ch 8MP ONVIF conformant IP cameras input
- Long distance transmission over twisted-pair cable & coax cable

Compression and Recording

- H.264+ compression improves encoding efficiency by up to 50% and reduces data storage costs
- Full channel recording at up to 3MP resolution

Video Output

- HDMI/VGA output at up to 1080p resolution
- CVBS output improves compatibility at the most possibility

Storage and Playback

- One or two SATA interfaces (up to 6TB of capacity per HDD)
- 8ch synchronous playback at up to 3MP resolution
- Smart search for efficient playback
- Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

Smart Function

- Supports multiple VCA(Video Content Analytics) events for both analog and smart IP cameras
- VQD(Video Quality Diagnostics)

Network & Ethernet Access

- Cloud P2P &SIMPLEDDNS (Dynamic Domain Name System) for easy network management
- Gigabit Ethernet network interface

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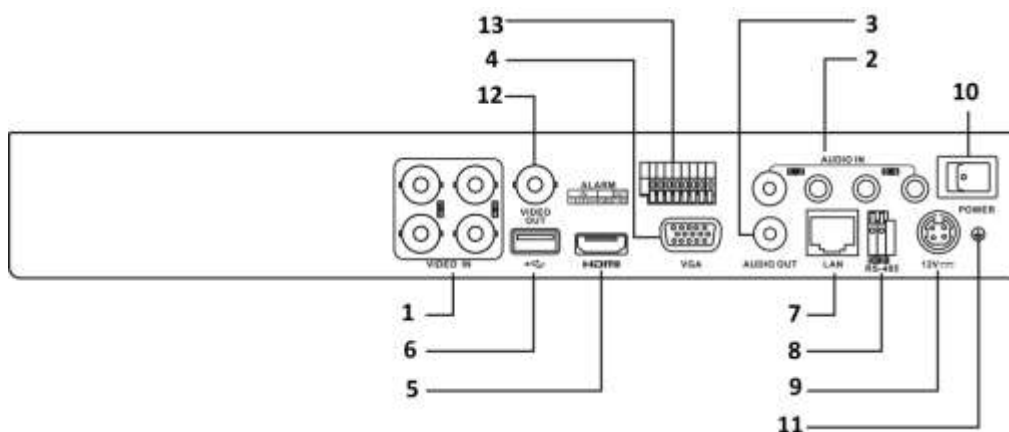| Model		HR315-8		
Video/Audio input	Video compression	H.264+/H.264		
	Video input	8-ch BNC interface (1.0Vp-p, 75 Ω), supporting coaxitron connection		
	HD-TVI input	3MP, 1080p/25Hz, 1080p/30Hz, 720p/60Hz, 720p/50Hz, 720p/30Hz, 720p/25Hz		
	Supported AHD input	1080p/30Hz, 1080p/25Hz		
	CVBS input	Support		
	IP video input	8-ch (up to 16-ch)		
		Up to 8 MP resolution		
	Network bandwidth	128 Mbps		
	Audio compression	G.711u		
	Audio input	4-ch, RCA (2.0 Vp-p, 1 KΩ)		
Video/Audio output	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480		
	HDMI/VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Encoding resolution	3MP: 15fps 1080p/720p/WD1/4CIF/VGA/CIF: 25 fps (P)/30 fps (N)		
	Frame rate	Main stream: 25 fps (P)/30 fps (N)		
		Sub-stream: WD1/4CIF: 12fps 　　　　　　　 CIF/QVGA/QCIF: 25 fps (P)/30 fps (N)		
	Video bit rate	32 Kbps to 10 Mbps		
	Audio output	1-ch, RCA (Linear, 1 KΩ)		
	Audio bit rate	64 Kbps		
	Dual-stream	Support		
	Stream type	Video, Video & Audio		
	Synchronous playback	8-ch		
Network management	Network protocols	TCP/IP, PPPoE, DHCP, Cloud P2P, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
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/1000Mbps 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		
	Alarm in/out	8/4		
General	Power supply	12 VDC		
	Consumption (without HDD)	≤ 20W		
	Working temperature	-10 ºC to +55 ºC (14 ºF to 131 ºF)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	380 × 320 × 48 mm (14.9× 12.6 × 1.89 inch)		
	Weight (without HDD)	≤ 2 kg (4.4 lb)		

 Each two video channels are grouped in sequence, e.g., CH01 and CH02, CH03 and CH04..., and each two channels in the same group must be connected with the same type of video source selected on GUI.

Physical Interfaces

NOTE The rear panel of HR315-8 and HR315-16 provides 8 or 16 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	**8**	RS-485 Serial Interface
2	AUDIO IN, RCA Connector	**9**	12VDC Power Input
3	AUDIO OUT, RCA Connector	**10**	Power Switch
4	VGA Interface	**11**	GND
5	HDMI Interface	**12**	VIDEO OUT
6	USB Interface	**13**	Alarm in/out
7	LAN Network Interface		

Design and specifications are subject to change without notice.