

AR704-32 SERIES

TURBO HD DVR



Features and Functions

Video Input and Transmission

- Connectable to HDTV and analog cameras
- Up to 32-ch 1080p IP cameras input for DS-8124/8132HGHI-SH
- Long distance transmission over UTP and coaxial cable

Compression and Recording

- Full channel recording at up to 1080p resolution

Video Output

- Simultaneous HDMI1 and VGA output at up to 1920 × 1080 resolution, and independent HDMI 2 output at up to 1920 × 1080 resolution

Storage and Playback

- Eight SATA interfaces (up to 6 TB capacity per HDD)
- 32-ch synchronous playback at up to 1080p resolution
- Smart search for efficient playback

Smart Function

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

Network & Ethernet Access

- Hik Cloud P2P & HiDDNS (Dynamic Domain Name System) for easy network management
- 2 gigabit Ethernet network interfaces

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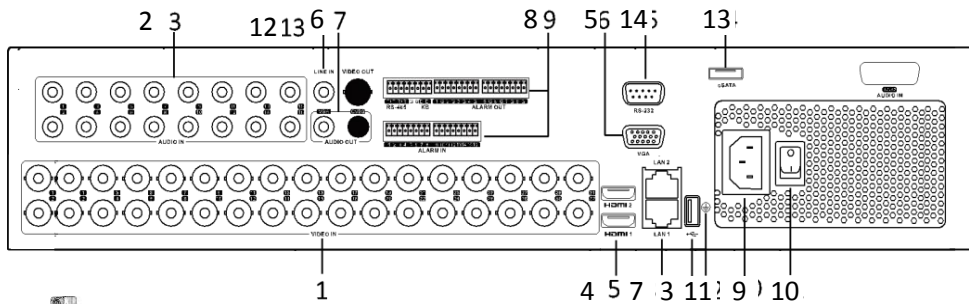
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Specifications

Model		AR704-32
Video/Audio input	Video compression	H.264
	Analog and HDTV I video input	32-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
	Supported camera types	720p25, 720p30, 720p50, 720p60, 1080p25, 1080p30, CVBS
	IP video input	16-ch (up to 32-ch)
		Up to 1080p resolution
	Audio compression	G.711u
Audio input	16-ch	
	RCA (2.0 Vp-p, 1 KΩ)	
Video/Audio output	HDMI1/VGA output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	HDMI2 output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Encoding resolution	1080p/720p/VGA/WD1/4CIF/CIF
	Frame rate	Main stream: 1080p@12fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)
		Sub-stream: WD1/4CIF@12fps; CIF/QCIF/QVGA@25fps (P)/30fps (N)
	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	32-ch
Network management	Remote connection	128
	Network protocols	TCP/IP, PPPoE, DHCP, Hik Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	SATA	8 SATA interfaces
	eSATA	Support
	Capacity	Up to 6 TB capacity for each disk
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)
	Network interface	2, 10M/100M/1000M self-adaptive Ethernet interface
	Serial interface	RS-232, RS-485, Keyboard
	USB interface	3 × USB 2.0
	Alarm in/out	16/8
General	Power supply	100 to 240 VAC
	Consumption (without HDD)	≤ 67 W
	Working temperature	-10 °C to +55 °C (14 °F to 131 °F)
	Working humidity	10% to 90%
	Dimensions (W × D × H)	445 × 470 × 90 mm (17.5 × 18.5 × 3.5 inch)
	Weight (without HDD)	≤ 8 kg (17.6 lb)

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Physical Interfaces



The rear panel of AR704-32 provides 32 video input interfaces.

Index	Description	Index	Description
1	VIDEO IN	8	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT
2	AUDIO IN, RCA Connector	9	100 to 240 VAC Power Input
3	USB Interface	10	Power Switch
4	HDMI1 and HDMI2 Interfaces	11	GND
5	VGA Interface	12	LINE IN
6	AUDIO OUT	13	eSATA Interface
7	LAN1/LAN2 Network Interfaces	14	RS-232 Serial Interface