

AR314-16

Turbo HD DVR



Key Features

- H.264 & Dual-stream video compression
- Support 1080P HD-TVI / 720P AHD / Analog / IP cameras
- Up to 1080P resolution recording and play back
- HDMI and VGA output at up to 1920x1080P resolution
- Long transmission distance over coax cable
- Support up to 16-ch synchronous playback at 1080P resolution

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Video/Audio Input

Video Compression	H.264
Analog & HD-TVI Video Input	16CH
	BNC interface (1.0Vp-p, 75 Ω)
Supported Camera Types	720P 25, 720P 30, 720P 50, 720P 60, 1080P 25, 1080P 30, CVBS
Audio Compression	G.711u
Audio In / Two-way Audio In	1CH, RCA (2.0 Vp-p, 1 KO)

Video/Audio Output

HDMI / VGA/BNC Output	1920 × 1080 / 60 Hz, 1280 × 1024 / 60 Hz, 1280 × 720 / 60 Hz, 1024 × 768 / 60 Hz	
Encoding Resolution	Main Stream	1080P (non-real-time) / 720P / VGA / WD1 / 4CIF / CIF
	Sub-Stream	WD1 (non-real-time) / 4CIF (non-real-time) / CIF / QCIF / QVGA
Frame Rate	Main Stream	1/16 fps ~ Real time frame rate
	Sub-Stream	1/16 fps ~ Real time frame rate
Video Bitrate	32 Kbps-6 Mbps	
Audio Output	1CH, RCA (Linear, 1KO)	
Audio Bitrate	64 Kbps	
Dual-stream	Support	
Stream Type	Video, Video & Audio	
Synchronous Playback	16CH	
Playback Resolution	1080P / 720P / VGA / WD1 / 4CIF / CIF / QVGA / QCIF	

Network Management

Remote Connections	128
Network Protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, iSCSI, UPnP™, HTTPS

Hard Disk

SATA	2 SATA interface
Capacity	Up to 4 TB capacity for each disk

External Interface

Network Interface	1; 10M / 100M self-adaptive Ethernet interface
Serial Interface	1; standard RS-485 serial interface, half-duplex
USB Port	2 × USB2.0

General

Power Supply	12V DC
Consumption	≤ 20W (Without HDD)
Working Temperature	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Working Humidity	10% ~ 90%
Dimensions (W × D × H)	380 × 290 × 48mm (15.0 × 11.4 × 1.9 inch)
Weight (without hard disks)	≤ 2Kg (4.4lb)