

# AR324 Series | H.265+ 8 Channel 4MP/3MP/1080P Penta-brid DVR System, P2P EZ Setup, 1xSATA



H.265+/H.265/H.264+/H.264 Video Compression • Support HDCVI, HDTVI, AHD, and Analog Cameras with adaptive access • 2-Ch, 4 MP IP cameras input, 2-Ch 3MP HD-TVI • Full Channel@1080PLite resolution real-time recording • VGA and HDMI output up to 1080p • Long transmission distance over coax cable • Support up to 8 Ch. synchronous playback

## SPECIFICATIONS

Video compression	H.264 / H.264+ /H.265 / H.265+
Analog, AHD, HD-TVI and HD-CVI video input	8 Ch., BNC interface (1.0Vp-p, 75Ω)
HDTVI Input	3 MP, 1080p, 720p Note: The 3 MP signal input is only available for channel 1/2
AHD Input	1080p, 720p
HDCVI Input	1080p, 720p
CVBS Input	PAL/NTSC

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IP Video Input	2CH, Up to 4MP Resolution / Supports H.265+/H.265/H.264+/H.264 IP cameras
Audio compression	G.711u
Audio input / Two-way audio in	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ )
Video Output	1 HDMI, 1 VGA, 1 CVBS
CVBS Output	1-ch, BNC (1.0 Vp-p, 75 $\Omega$ ), resolution: PAL: 704 × 576, NTSC: 704 × 480
VGA output	1920 × 1080@60Hz, 1280 × 1024@60Hz, 1280 × 720@60Hz, 1024 × 768@60Hz
HDMI output	1920 × 1080@60Hz, 1280 × 1024@60Hz, 1280 × 720@60Hz, 1024 × 768@60Hz
Encoding resolution	When 1080p Lite mode not enabled: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF When 1080p Lite mode enabled: 3 MP/1080p lite/720p lite/VGA/WD1/4CIF/CIF
Frame rate	Main stream: When 1080p Lite mode not enabled: For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)@30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)@30fps (N) When 1080p Lite mode enabled: 3 MP@15fps 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)@30fps (N) Sub-stream: When 1080p Lite mode not enabled: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)
Video bitrate	32 Kbps to 6 Mbps
Audio output	1 Ch., RCA (Linear, 1K $\Omega$ )
Audio bitrate	64 Kbps
Dual-stream	Support
Stream type	Video & Audio
Synchronous playback	8 Ch.
Playback resolution	1080P / 720P / VGA / WD1 / 4CIF / CIF / QVGA / QCIF
Remote connections	128
Network protocols	TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
SATA	1 SATA interface
Capacity	Up to 10TB capacity
Network interface	1; 10M / 100M self-adaptive Ethernet interface
Serial interface	1 x RS-485 serial interface
USB port	2 × USB2.0

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Power supply	12 VDC
Consumption (without hard disks)	$\leq 7.5W$
Working temperature	$-10\text{ }^{\circ}\text{C} \sim +55\text{ }^{\circ}\text{C}$ (14 $^{\circ}\text{F} \sim 131\text{ }^{\circ}\text{F}$ )
Working humidity	10% ~ 90%
Dimensions	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)
Weight (without hard disks)	3.9 lb