

TVR-AR324 Series

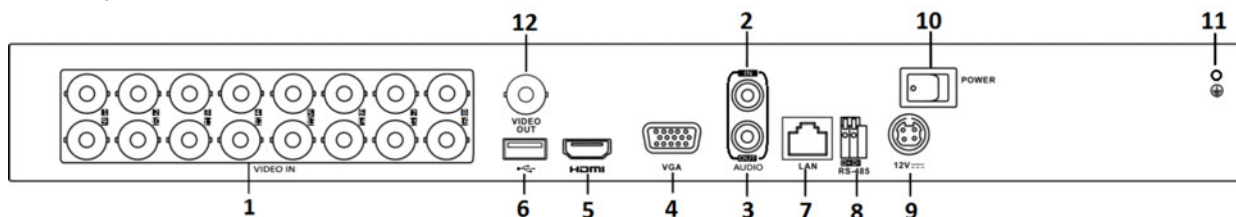
High Definition Digital Video Recorders

Key Features:

- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Up to 2-ch 4 MP IP cameras input (TVR-AR324-4 & TVR-AR324-8)
- Long distance transmission over UTP and coaxial cable
- H.265+/H.265/H.264+/H.264 encoding for the main stream, and H.265/H.264 for the sub-stream of analog cameras
- H.265+ can be enabled to improve encoding efficiency and reduce data storage costs
- Full channel recording at up to 4 MP lite resolution
- Simultaneous HDMI/VGA outputs
- HDMI/VGA output at up to 1920 x 1080p resolution for TVR-AR324-4 and TVR-AR324-8; up to 4K (3840 x 2160) resolution for TVR-AR324-16
- One-key recording configurable
- All camera grid view recording allows all camera feeds to be recorded in grid view on a single channel
- Supports real time 1080p lite resolution mode
- Up to 4/8/16-ch synchronous playback at 1080p resolution
- Smart search for efficient playback
- Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)
- One SATA interface (up to 6 TB per HDD) provided for TVR-AR324-4 / TVR-AR324-8; two SATA interfaces provided for TVR-AR324-16
- One RJ45 10M/100Mbps self-adaptive network interface for TVR-AR324-4 / TVR-AR324-8 and one RJ45 10M/100M/1000Mbps self-adaptive network interface for the TVR-AR324-16
- P2P & DDNS (Dynamic Domain Name System)
- Supports multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- TVR-AR324-4 & TVR-AR324-8 support 4-ch line crossing detection and intrusion detection; TVR-AR324-16 supports 4-ch line crossing detection and intrusion detection, and 1-ch sudden scene change detection
- VQD (Video Quality Diagnostics)
- Supports PTZ control
- Central management software



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|----------------------|----------------------------|
| 1. Video Inputs | 7. LAN Network Interface |
| 2. Audio Input, RCA | 8. RS-485 Serial Interface |
| 3. Audio Output, RCA | 9. 12VDC Power Input |
| 4. VGA Interface | 10. Power Switch |
| 5. HDMI Interface | 11. Ground |
| 6. USB Interface | 12. Video Output |

* TVR-AR324-16 16 input recorder shown above. Rear panel of 4 and 8 input units provide 4 and 8 individual video inputs respectively.

Ordering Information:

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|--------------|---------------------|
| TVR-AR324-4 | 4 Channel recorder |
| TVR-AR324-8 | 8 Channel recorder |
| TVR-AR324-16 | 16 Channel recorder |

TVR-AR324 Series High Definition Digital Video Recorders

	TVR-AR324-4	TVR-AR324-8	TVR-AR324-16	
Video/Audio input	Video compression	H.265+/H.265/H.264+/H.264		
	Analog video input	4-ch	8-ch	16-ch
		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
	HDTV input	4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25		
		Note: The 3 MP signal input is only available for channel 1 of the TVR-AR324-4, for channel 1/2 of the TVR-AR324-8, and for channel 1/2/3/4 of the TVR-AR324-16.		
	AHD input	4 MP, 1080p25, 1080p30, 720p25, 720p30		
	HDCVI input	1080p25, 1080p30, 720p25, 720p30		
	CVBS input	PAL/NTSC		
	IP video input	1-ch	2-ch	2-ch
		Up to 4 MP resolution		
	Supports H.265+/H.265/H.264+/H.264 IP cameras			
Audio compression	G.711u			
Audio input	1-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		
		VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	HDMI/VGA output	HDMI: 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz		
	Encoding resolution	When 1080p Lite mode not enabled: 4 MP lite/3 MP/1080p/720p/WD1/4CIF/VGA/CIF When 1080p Lite mode enabled: 4 MP lite/3 MP/1080p lite/720p lite/WD1/4CIF/VGA/CIF		
	Frame Rate	Main Stream - When 1080p Lite mode not enabled: For 4 MP stream access: 4 MP lite@15fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N) For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15fps For 1080p stream access: 1080p@15fps; 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Main Stream - When 1080p Lite mode enabled: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N) Sub-stream: WD1/4CIF@12fps; CIF@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	Supported		
	Stream type	Video, Video & Audio		
Network management	Synchronous playback	4-ch	8-ch	16-ch
	Remote connections	32	64	128
	Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Hard disk	SATA	1 SATA interface	2 SATA interfaces	
	Capacity	Up to 6 TB capacity for each disk		
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1 st audio input)		
	Network interface	1, RJ45 10M/100M self-adaptive Ethernet interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
	USB interface	2 × USB 2.0	Front panel: 1 × USB 2.0, Rear panel: 1 × USB 3.0	
	Serial interface	RS-485 (half-duplex)		
General	Power supply	12 VDC		
	Consumption (without HDD)	< 6 W	< 7.5 W	< 25 W
	Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
	Working humidity	10% to 90%		
	Dimensions (W × D × H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)		380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)
	Weight (without HDD)	< 1.16 kg (2.6 lb)	< 1.78 kg (3.9 lb)	< 2 kg (4.4 lb)

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