

# EV4024/32 SERIES HD DVR



## Key Features

- Self-adaptive HDTV/HDCVI/AHD/CVBS signal input
- Up to 2-ch 4 MP IP cameras input
- Long distance transmission over UTP and coaxial cable: max. 800m for 1080p and 1200m for 720p HDTV signal
- Compression and Recording
- 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
- Connectable to H.265+/H.265/H.264+/H.264 IP 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
- Supports real-time 1080p lite and when enabled, the image effect is similar with 1080p
- Video Output
- Simultaneous HDMI/VGA output
- HDMI output at up to 4K (3840 × 2160) resolution
- Separate CVBS output
- Storage and Playback
- 2 SATA interfaces (up to 8 TB capacity per HDD)
- 16-ch synchronous playback
- 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
- Supports up to 4-ch line crossing detection and intrusion detection, and 1-ch sudden scene change detection
- VQD (Video Quality Diagnostics)
- Supports PTZ control via Omnicast VMS of Genetec protocol
- Network & Ethernet Access
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M/1000M Ethernet network interface
- Output bandwidth limit configurable

# Specifications

Video/Audio input	EV4024	EV4032
Video compression	H.265+/H.265/H.264+/H.264	
Analog video input	24-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	32-ch
HDTV input	4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25 Note: The 3 MP signal input is only available for channel 1/2/3/4.	
AHD input	4 MP, 1080p25, 1080p30, 720p25, 720p30	
HDCVI input	1080p25, 1080p30, 720p25, 720p30	
CVBS input	PAL/NTSC	
IP video input	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	EV4024	EV4032
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
HDMI/VGA output	VGA: 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	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/VGA/WD1/4CIF/CIF; When 1080p Lite mode enabled: 4 MP lite/3 MP/1080p lite/7	
Frame rate Language	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/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: 4 MP lite/3 MP@15fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)	
Video bit rate	Sub-stream: WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)	
	32 Kbps to 6 Mbps	
Video bit rate	1-ch, RCA (Linear, 1 KΩ)	
Audio bit rate	64 Kbps	
Dual stream	Support	
Stream type	Video, Video & Audio	
Synchronous playback	16-ch	
Network management	EV4024	EV4032
Remote connections	1 HD analog output	
Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	
General	EV4024	EV4032
Power supply	12 VDC	
Consumption (without HDD)	≤ 55 W	≤ 65 W
Working temperature	-10 °C to +55 °C (+14 °F to +131 °F)	
Working humidity	10% to 90%	
Dimensions (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)	
Weight (without HDD)	≤ 2 kg (4.4 lb)	