

EAR328-4

4CH DVR Support up to 8MP



Features and Functions

Video Input and Transmission

- Self-adaptive HDTV/HD/SD/TVI/CVBS signal input
- Up to 2-ch 8MP IP cameras input
- 8MP HD TVI video input and live view
- Defogging function enabled for the supported analog cameras
- 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 8 MP resolution

Video Output

- HDMI and VGA interfaces can be configured to be simultaneous or independent
- HDMI output at up to 4K (3840 × 2160) resolution
- Separate CVBS output

Storage and Playback

- 1 SATA interface (up to 8 TB capacity per HDD)
- 4-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 line crossing detection and intrusion detection of all channels, and 2-ch sudden scene change detection
- VCA information overlay in live view and smart playback
- VQD (Video Quality Diagnostics)
- Supports PTZ control via Omnicast VMS of Genetec protocol

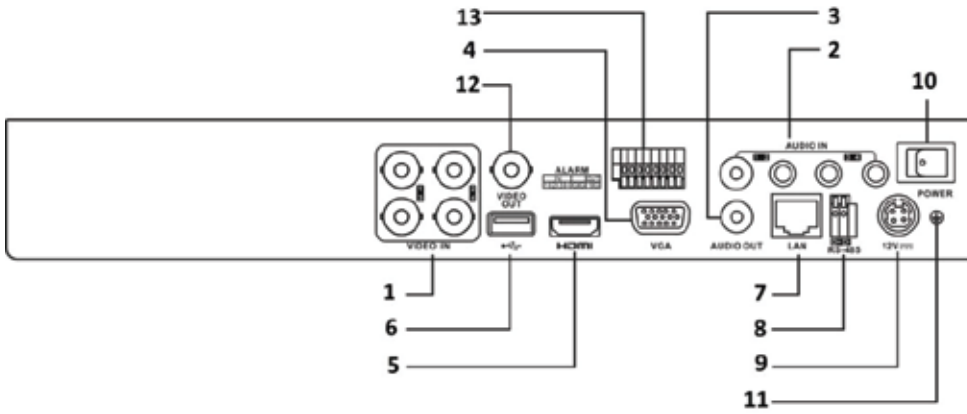
Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- 1 RJ45 10M/100M/1000M self-adaptive Ethernet interface
- Output bandwidth limit configurable

Specifications

EAR328-4			
Video/Audio Input	Video compression	H.265+/H.265/H.264+/H.264	
	Analog video input	4-ch/ BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	
	HD TVI input	8MP, 5MP, 4MP, 3MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25	
	AHD input	5MP, 4MP, 3MP, 1080p25, 1080p30, 720p25, 720p30	
	HD TVI input	4MP, 1080p25, 1080p30, 720p25, 720p30	
	CVBS input	PAL/NTSC	
	IP video input	2-ch,	
		Up to 8 MP resolution	
		Supports H.265+/H.265/H.264+/H.264 IP cameras	
Audio compression	G.711u		
Audio input	4-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	
	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/bit rate	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	
	Frame rate	Main stream: 8 MP@12fps, 5 MP@20fps, 3 MP@18fps 4 MP/1080p/720p/WD1/4CIF/VGA/CIF@25fps (P)/30fps (N)	
		Sub-stream: WD1/4CIF/CIF@25fps (P)/30fps (N)	
	Video bit rate	32 Kbps to 16 Mbps	
	Audio output	1-ch, RCA (Linear, 1 KΩ)	
	Audio bit rate	64 Kbps	
	Dual stream	Support	
Stream type	Video, Video & Audio		
Synchronous playback	4-ch		
Network management	Remote connections	32	
	Network protocols	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	
Hard disk	SATA	1 SATA interface	
	Capacity	Up to 8 TB capacity for each disk	
External interface	Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the 1st audio input)	
	Network interface	1, RJ45 10M/100M/1000M self-adaptive Ethernet interface	
	USB interface	Front panel: 1 × USB 2.0 / Rear panel: 1 × USB 3.0	
	Serial interface	RS-485 (half-duplex)	
	Alarm in/out	4/1	
General	Power supply	12 VDC	
	Consumption (without HDD)	≤ 15 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)	
	Weight (without HDD)	≤ 1.5 kg (3.3 lb)	

Physical Interfaces



Index	Description	Index	Description
1	VIDEO IN	8	RS-485 Serial Interface
2	AUDIO IN, RCA Connector	9	12 VDC Power Input
3	AUDIO OUT, RCA Connector	10	Power Switch
4	VGA Interface	11	GND
5	HDMI Interface	12	VIDEO OUT
6	USB Interface	13	Alarm In/Out
7	LAN Network Interface		