EV5004/5008TURBO
HDTVI DVR 5MP Resolution

▶ Features and Functions

Video Input and Transmission

- Self-adaptive HDTVI/HDCVI/AHD/CVBS signal input

- Up to 2-ch 6 MP IP cameras input

- 5 MP/4 MP HDTVI 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 HDTVI 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 5 MP resolution

Video Output

- Simultaneous HDMI/VGA output
- Separate CVBS output

Storage and Playback

- 1 SATA interface (up to 8 TB capacity per HDD)

- 4/8-ch synchronous playback

- Smart search for efficient playback

- Supports the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive)

- Supports multiple VCA (Video Content Analytics) events for both analog and

  smart IP cameras

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 protoco

Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

- 1 RJ45 10M/100M self-adaptive Ethernet interface , and 1 RJ45 10M/100M/1000M self-adaptive

- Ethernet interface

- Output bandwidth limit configurable

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Professional Video Surveillance Solutions

Video/Audio input

	EV-5004-TURBO	EV-5008-TURBO
Model:	EV-5004-TURBO	EV-5008-TURBO
Video compression:	H.265+/H.265/H.264+/H.264	
Analog video:	4-ch	8-ch
input:	BNC interface (1.0 Vp-p, 75 ff), supporting coaxitron connection	
HDTVI input:	5 MP, 4 MP, 3 MP, 1080p30, 1080p25, 720p60, 720p50, 720p30, 720p25tron connection	
AHD input:	1080p25, 1080p30, 720p25, 720p30	
HDCVI input:	1080p25, 1080p30, 720p25, 720p30	
CVBS input:	PAL/NTSC	
IP video input:	2-ch Up to 6 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 K)	

Video/Audio output

CVBS output:	1-ch, BNC (1.0 Vp-p, 75 ff), resolution: PAL: 704 × 576, NTSC: 704 × 480	
HDMI/VGA output:	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	**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:	5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF	
Frame rate:	Main stream: 5 MP@12fps/4 MP@15fps/3 MP@18fps 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 10 Mbps	
Audio output:	1-ch, RCA (Linear, 1 K)	
Audio bit rate:	64 Kbps	
Dual stream:	Support	
Stream type:	Video, Video & Audio	
Synchronous Playback:	4-ch	8-ch

Network Management

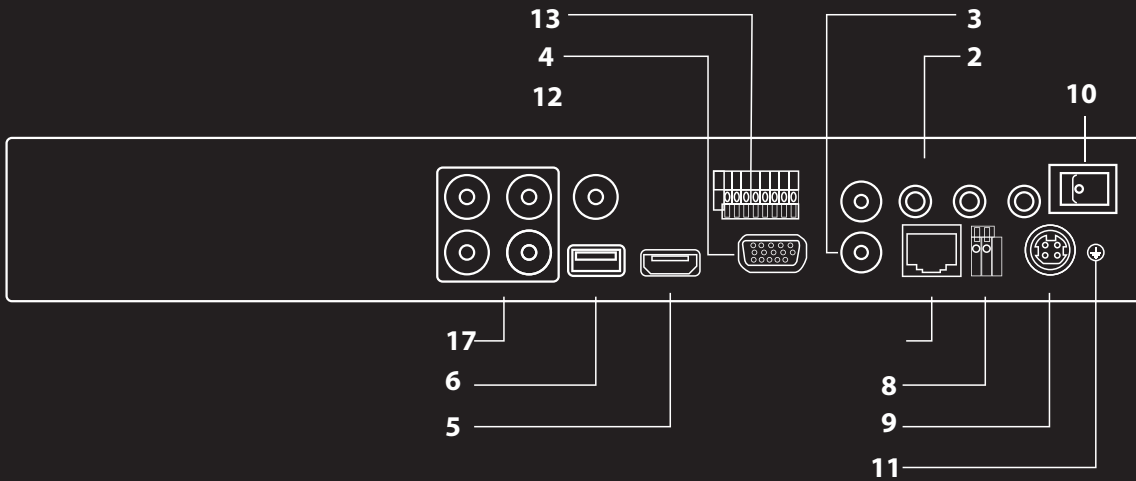|		
Remote connections:	128	
Network protocols:	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF	

Hard disk

Interface Type:	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 Kff) (using the 1st 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)	
Alarm in/out:	4/1	8/4

General

Power Supply:	12 VDC	
Consumption:	10 W (without hard disks)	20 W(without hard disks)
Working Temperature:	-10 ºC -+55 ºC (14 ºF - 131 ºF)	
Working Humidity:	10% - 90%	
Dimensions:	315 x 242 x 45 mm (12.4 x 9.5 x 1.8 inch)	
Weight (without HDD):	≤ 1.16 kg (2.6 lb)	≤ 2 kg (4.4 lb)

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

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