

## SD5432/48I-K TURBO HD DVR

### Key Features

- Support H.265 Pro+/H.265 Pro/H.265 video compression.
- Support HDTVI/AHD/CVI/CVBS/IP video input.
- Max 40/48 IP cameras input (up to 8 MP).
- Max 800 m for 1080p and 1200 m for 720p HDTVI signal.
- Up to 10 TB capacity per HDD.
- Support POS triggered recording and POS information overlay.



### Compression and Recording

- H.265 Pro+ can improve encoding efficiency and reduce the data storage cost.
- Full channel recording at up to 8 MP resolution.

### Storage and Playback

- 4 SATA interfaces and 1 eSATA interface.
- Smart search for efficient playback.
- Support the 3rd party cloud storage (Dropbox/Google Drive/Microsoft OneDrive).
- Hot-swappable HDD supporting RAID 0, RAID 1, RAID 5, RAID 6 and RAID 10 storage scheme.

### Smart Function


- Support 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.

### Network & Ethernet Access

- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management.
- Output bandwidth limit configurable.

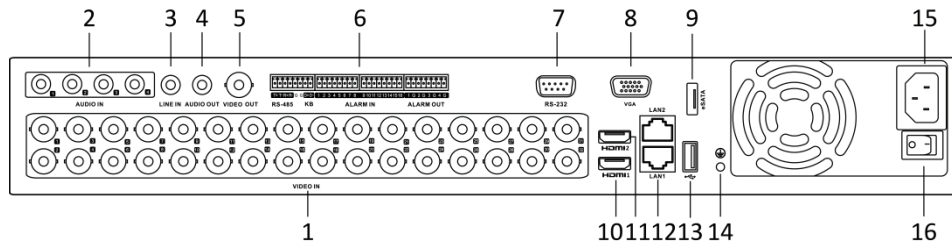
## Specifications

<b>Model</b>	<b>SD5432/48I-K</b>
<b>Recording</b>	
<b>Video compression</b>	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
<b>Encoding resolution</b>	8 MP/5 MP/4 MP/3 MP/1080p/720p/WD1/4CIF/VGA/CIF
<b>Frame rate</b>	Main stream: 8 MP@8fps/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)
<b>Video bit rate</b>	32 Kbps to 10 Mbps
<b>Dual stream</b>	Support
<b>Stream type</b>	Video, Video & Audio
<b>Audio compression</b>	G.711u
<b>Audio bit rate</b>	64 Kbps
<b>Video and Audio</b>	
<b>IP video input</b>	16-ch (up to 48-ch)
	Up to 8 MP resolution
	Support H.265+/H.265/H.264+/H.264 IP cameras
<b>Analog video input</b>	32-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
<b>HDTV input</b>	8 MP, 5 MP, 4 MP, 3 MP, 1080p25, 1080p30, 720p25, 720p30, 720p50, 720p60
<b>AHD input</b>	5 MP, 4 MP, 1080p25, 1080p30, 720p25, 720p30
<b>HDCVI input</b>	4 MP, 1080p25, 1080p30, 720p25, 720p30
<b>CVBS input</b>	PAL/NTSC
<b>CVBS output</b>	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
<b>HDMI1/VGA output</b>	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>HDMI2 output</b>	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
<b>Audio input</b>	4-ch, RCA (2.0 Vp-p, 1 KΩ)
<b>Audio output</b>	1-ch, RCA (Linear, 1 KΩ)
<b>Two-way audio</b>	1-ch, RCA (2.0 Vp-p, 1 KΩ) (independent)
<b>Synchronous playback</b>	16-ch
<b>Network</b>	
<b>Remote connections</b>	128
<b>Network protocols</b>	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, SNMP
<b>Network interface</b>	2, RJ45 10M/100M/1000M self-adaptive Ethernet interface
<b>Auxiliary interface</b>	
<b>SATA</b>	4 SATA interfaces
<b>eSATA</b>	Support
<b>Capacity</b>	Up to 10 TB capacity for each disk
<b>Serial interface</b>	RS-232, RS-485 (full-duplex), Keyboard
<b>Alarm in/out</b>	16/4



<b>USB interface</b>	Front panel: 2 × USB 2.0 Rear panel: 1 × USB 3.0
<b>General</b>	
<b>Power supply</b>	100 to 240 VAC
<b>Consumption (without HDD)</b>	≤ 74 W
<b>Working temperature</b>	-10 °C to +55 °C (+14 °F to +131 °F)
<b>Working humidity</b>	10% to 90%
<b>Dimensions (W × D × H)</b>	440 × 390 × 70 mm (17.3 × 15.4 × 2.8 inch)
<b>Weights (without HDD)</b>	≤ 7 kg (15.4 lb)

## Physical Interfaces



Index	Description	Index	Description
1	VIDEO IN	9	eSATA Interface
2	AUDIO IN, RCA Connector	10	HDMI1 Interface
3	LINE IN	11	HDMI2 Interface
4	AUDIO OUT	12	LAN1 and LAN2 Network Interfaces
5	VIDEO OUT	13	USB Interface
6	RS-485 Serial Interface, Keyboard Interface, ALARM IN and ALARM OUT	14	GND
7	RS-232 Serial Interface	15	100 to 240 VAC Power Input
8	VGA Interface	16	Power Switch