

S16TURBOM/T

16-CH 1080P LITE MINI 1U H.265 DVR

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Key Features

- Deep learning based human and vehicle targets classification of Motion Detection 2.0
- H.265 Pro+/H.265 Pro/H.265 video compression
- HDTV/AVHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 18-ch IP camera input (up to 5 MP)
- Encoding ability up to 1080p lite @ 15 fps
- Support all channels HDTV two-way audio technology



Targets classification

- Deep learning based human and vehicle targets classification of Motion Detection 2.0

Compression and Recording

- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Support 1080p Lite of all channels. When 1080p Lite is on, the image effect is similar with 1080p

Storage and Playback

- 1 SATA interface (up to 10 TB capacity per HDD)
- Smart search for efficient playback

Network & Ethernet Access

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

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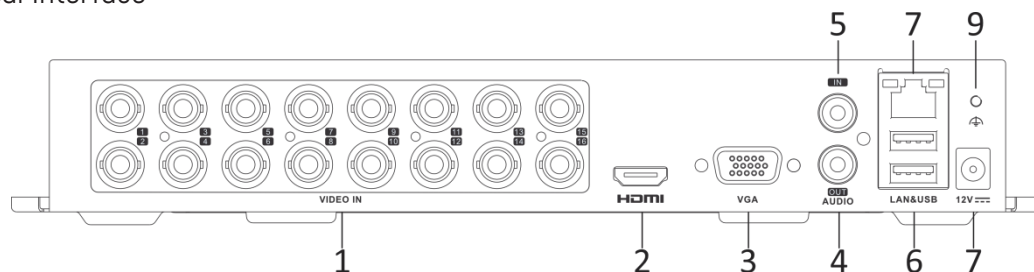
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▪ Specification

Motion Detection 2.0	
Human/Vehicle Analysis	Deep learning-based motion detection 2.0 is enabled by default for all analog channels, it can classify human and vehicle, and extremely reduce false alarms caused by objects like leaves and lights; Quick search by object or event type is supported;
Video and Audio	
IP Video Input	2-ch (up to 18 -ch) Up to 5 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras
Analog Video Input	16 -ch BNC interface (1.0 Vp -p, 75 Ω), supporting coaxitron connection
HDTVI Input	1080p25, 1080p30, 720p25, 720p30
AHD Input	1080p25, 1080p30, 720p25, 720p30
HDCVI Input	1080p25, 1080p30, 720p25, 720p30
CVBS Input	PAL/NTSC
HDMI Output	1 -ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
VGA Output	1 -ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz
Video Output Mode	HDMI/VGA simultaneous output
Audio Input	1 -ch RCA (2.0 Vp -p, 1 KΩ), and 16 -ch via coaxial cable
Audio Output	1 -ch, RCA (Linear, 1 KΩ)
Two -Way Audio	1 -ch, RCA (2.0 Vp -p, 1 KΩ) (using the first audio input)
Synchronous Playback	16 -ch
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding Resolution	For 1080p stream access: 1080p Lite/720p Lite/WD1/4CIF/VGA/CIF For 720p stream access: 720p/WD1/4CIF/VGA/CIF For standard definition stream access: WD1/4CIF/VGA/CIF
Frame Rate	Main stream: For 1080p stream access: 1080p Lite/720p Lite/WD1/4CIF/VGA/CIF@15 fps For 720p stream access: 720p/WD1/4CIF/VGA/CIF@15 fps For SD stream access: WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N) Sub -stream: For 1080p and 720p stream access CIF/QVGA@15 fps For SD stream access: CIF/QVGA@25 fps (P)/30 fps (N)
Video Bitrate	32 Kbps to 4 Mbps
Dual -stream	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Network	
Total Bandwidth	96 Mbps
Remote Connection	128
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, UPnP™, HTTPS, ONVIF
Network Interface	1, RJ45 10M/100M self-adaptive Ethernet interface

Auxiliary Interface	
SATA	1, SATA interface
Capacity	Up to 6 TB capacity for each disk
USB Interface	2 × USB 2.0
General	
Power Supply	12 VDC, 1.6 A
Consumption	≤ 7 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	285 × 210 × 48 mm (11.2 × 8.3 × 1.9 inch)
Weight	≤ 1.8 kg (without HDD, 4.0 lb.)

▪ Physical Interface



No.	Description	No.	Description
1	Video and coaxial audio in	6	USB interface
2	HDMI interface	7	LAN network interface
3	VGA interface	8	12 VDC power input
4	AUDIO OUT	9	GND
5	AUDIO IN		

▪ Dimension

