

16Ch TURBO Acusense DVR



MODEL **TA-HDTVI16C**



KEY FEATURES

- Deep learning-based motion detection 2.0 for all analog channels
- Deep learning-based perimeter protection
- H.265 Pro+/H.265 Pro/H.265/H.264+/H.264 video compression
- HDTVI/AHD/CVI/CVBS/IP video inputs
- Audio via coaxial cable
- Up to 24-ch IP camera inputs (up to 6 MP)
- Up to 10 TB capacity per HDD
- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Full channel recording at up to 1080p resolution
- Two SATA interfaces
- Smart search for efficient playback
- Support the third party cloud storage
- Deep learning-based motion detection, and perimeter protection (line crossing and intrusion detection)
- Support multiple VCA (Video Content Analytics) events for both analog and smart IP cameras
- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Output bandwidth limit configurable

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SPECIFICATIONS

16-ch	TA-HDTVI16C
Motion Detection 2.0¹	
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;
Perimeter Protection	
Human/Vehicle Analysis	Up to 4 - ch
Recording	
Video compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding resolution	<p>Main stream:</p> <p>When 1080p Lite mode not enabled:</p> <p>For 4 MP stream access: 4 MP lite@15 fps; 1080p lite/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)</p> <p>For 3 MP stream access: 3 MP/1080p/720p/VGA/WD1/4CIF/CIF@15 fps</p> <p>For 1080p stream access: 1080p/720p@15 fps; VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)</p> <p>For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)</p> <p>When 1080p Lite mode enabled: 4 MP lite/3 MP@15 fps; 1080p lite/720p lite/VGA/WD1/4CIF/CIF@25 fps (P)/30 fps (N)</p> <p>Sub-stream: WD1/4CIF@12 fps; CIF@25 fps (P)/30 fps (N)</p>
Video Bitrate	32 Kbps to 6 Mbps
Dual-stream	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Video and Audio	
IP video input ²	<p>2-ch (up to 18-ch)</p> <p>Enhanced IP mode on: 8-ch (up to 24-ch), each up to 4 Mbps</p> <p>Up to 6 MP resolution</p> <p>Support H.265+/H.265/H.264+/H.264 IP cameras</p>
Analog Video Input	<p>16-ch</p> <p>BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection</p>
HDTVI input	<p>4 MP, 3 MP, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps</p> <p>*: The 3 MP signal input is only available for channel 1/2 of iDS-7208HQHI-M2/S, and for channel 1/2/3/4 of iDS-7216HQHI-M2/S.</p>
AHD input	4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
HDCVI input	4 MP, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
CVBS Input	PAL/NTSC
CVBS Output	<p>1-ch, BNC (1.0 Vp-p, 75 Ω),</p> <p>resolution: PAL: 704 × 576, NTSC: 704 × 480</p>
HDMI/VGA output	<p>1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,</p> <p>1024 × 768/60Hz, HDMI/VGA simultaneous output</p>
Audio input	<p>1-ch, RCA (2.0 Vp-p, 1 KΩ)</p> <p>16-ch via coaxial cable</p>
Audio output	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)
Synchronous playback	16-ch

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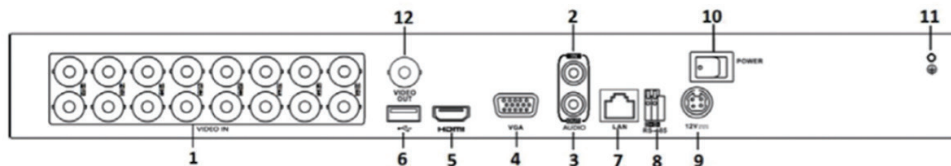
SPECIFICATIONS

Model	TA-HDTVI16C
Network	
Remote connection	128
Network protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF
Network interface	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface
Auxiliary interface	
SATA	2 SATA interfaces, up to 10 TB capacity for each disk
Serial interface	RS-485 (half-duplex)
USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm in/out ³	N/A
General	
Power supply	12 VDC, 3.3 A
Consumption	≤ 40 W
Working Temperature	+14 °F to +131 °F (-10 °C to +55 °C)
Working Humidity	10% to 90%
Dimension (W × D × H)	380 × 320 × 48 mm (15.0 × 12.6 × 1.9 inch)
Weight	≤ 2 kg (4.4 lb)

Note:

1. Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.
2. Enhanced IP mode might be conflicted with smart events (face picture comparison, motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.

PHYSICAL INTERFACE



No.	DESCRIPTION	No.	DESCRIPTION
1	VIDEO IN	7	AUDIO IN, RCA connector
2	USB i interface	8	LAN network interface
3	VIDEO OUT	9	RS-485 serial interface
4	HDMI interface	10	12 VDC power input
5	VGA interface	11	GND
6	AUDIO OUT, RCA connector	12	