

8Ch TURBO Acusense DVR



MODEL TA-HDTVI508-AS



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 16-ch IP camera inputs (up to 8 MP)
- Up to 10 TB capacity per HDD
- H.265 Pro+ video compression improves encoding efficiency, and reduces data storage costs
- Recording at up to 8 MP resolution
- 2 SATA interfaces
- Smart search for efficient playback
- 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

Model	TA-HDTVI508-AS
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;
Perimeter Protection	
ATW/MANUAL	
Human/Vehicle Analysis	Up to 4-ch
Recording	
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264
Encoding resolution	Main stream: 8 MP@8 fps/5 MP@12 fps/3K@12 fps/4 MP@15 fps/3 MP@18 fps 1080p/720p/WD1/4CIF/VGA/CIF@25 fps (P)/30 fps (N)
	Sub-stream: WD1/4CIF/CIF@25 fps (P)/30 fps (N)
Video bit rate	32 Kbps to 10 Mbps
Dual-stream	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bit rate	64 Kbps
Video and Audio	
IP video input ²	4-ch (up to 12-ch) Up to 8 MP resolution Enhanced IP mode on: 8-ch (up to 16-ch), each up to 4 Mbps Support H.265+/H.265/H.264+/H.264 IP cameras
	Up to 8 MP resolution
	Support H.265+/H.265/H.264+/H.264 IP cameras
Analog video input	8-ch
	BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection
HDTVI input	8 MP@15 fps, 5 MP@20 fps, 3K@20 fps, 4 MP@30 fps, 4 MP@25 fps, 3 MP@18 fps, 1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps, 720p@30 fps, 720p@25 fps
AHD input	5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
HDCVI input	5 MP@20 fps, 4 MP@25 fps, 4 MP@30 fps, 1080p@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps
CVBS input	PAL/NTSC
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
VGA output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HDMI output	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Video output mode	HDMI/VGA simultaneous output
Audio input ³	1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)
	8-ch via coaxial cable
Audio output	1-ch, RCA (Linear, 1 KΩ)

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Model	TA-HDTVI508-AS
Two-way audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the audio input)
Synchronous playback	8-ch
Network	
Remote connection	64
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
Capacity	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 (optional to support)
General	
Power supply	12 VDC, 2.8 A
Consumption (without HDD)	≤ 15 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 (without HDD)	≤ 1.78 kg (3.9 lb)

DIMENSIONS

