

iDS-7216HQHI-M1/E 16-ch 1080p 1U H.265 AcuSense DVR

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 video compression
- HDTVI/AHD/CVI/CVBS/IP video input
- Audio via coaxial cable
- Up to 24-ch IP camera inputs (up to 6 MP)
- Up to 1080p@15 fps encoding capability





Compression and Recording

- H.265 Pro+ can be enabled to improve encoding efficiency and reduce data storage costs
- Recording at up to 3K / 5 MP Lite resolution

Storage and Playback

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

Smart Function

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

Network & Ethernet Access

- Compatible with major Wi-Fi dongle products in the market
- Hik-Connect & DDNS for easy network management



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;				
Perimeter Protection					
Line Crossing Detection/Intrusion	4-ch				
Detection	4-011				
Facial Detection					
Facial Detection and Capture	Face picture detection, face picture search				
Recording					
Video Compression	H.265 Pro+/H.265 Pro/H.265/H.264+/H.264				
	When 1080p Lite mode is not enabled:				
Encoding Resolution	3K lite/5 MP lite/4 MP lite/1080p/720p/VGA/WD1/4CIF/CIF;				
	When 1080p Lite mode is enabled:				
	3K lite/5 MP lite/4 MP lite/1080p lite/720p lite/VGA/WD1/4CIF/CIF				
	Main stream:				
	When 1080p Lite mode not enabled:				
	For 3K stream access: 3K lite@12fps;4 MP				
	lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps				
	For 5 MP stream access: 5 MP lite@12fps;4 MP				
	lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@20fps				
	For 4 MP stream access: 4 MP lite/1080p@15fps;720p/WD1/4CIF/VGA/CIF@25fps				
Frame Rate	(P)/30fps (N)				
	For 1080p stream access: 1080p/720p@15fps; VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)				
	For 720p stream access: 720p/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)				
	When 1080p Lite mode enabled:				
	3K lite/5 MP lite@12fps;4 MP lite@15fps;1080p lite/720p				
	lite/VGA/WD1/4CIF/CIF@25fps (P)/30fps (N)				
	Sub-stream:				
	WD1/4CIF@12fps; CIF@25fps (P)/30fps (N)				
Video Bitrate	32 Kbps to 6 Mbps				
Dual-stream	Support				
Stream Type	Video, Video & Audio				
Audio Compression	G.711u				



2-ch (up to 18-ch) Enhanced IP mode on: 8-ch (up to 24-ch), each up to 4 Mbps Up to 6 MP resolution Support H.265+/H.265+/H.264+/H.264 IP cameras Analog Video Input BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection Incoming Bandwidth 96 Mbps 31(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps AHD Input 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 1080p@30 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@30 fps, 720p@25 fps CVBS Input 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps FM/NTSC CVBS Input PAL/NTSC 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPOE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, ISCSI, UPnP™, HTTPS, ONNIF Network Protocol NNIF Network Interface Auxiliary Interface SATA 1 SATA interface	Audio Bitrate	64 Kbps		
Enhanced IP mode on: 8-ch (up to 24-ch), each up to 4 Mbps Up to 6 MP resolution Support H.265+/H.265+/H.264+/H.264 IP cameras 16-ch BNC interface (1.0 Vp-p, 75 O), supporting coaxitron connection Incoming Bandwidth 96 Mbps HDTVI Input 3K(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@35 fps AHD Input 5 MP(2590 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@35 fps CVBS Input 4 PAL/NTSC HDMI Output 5 ch, 4 K (3840 × 2160)/30Hz, 2 K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1 ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input Audio Input 1 ch, RCA (2.0 Vp-p, 1 KΩ) 1 c-ch, RCA (2.0 Vp-	Video and Audio			
P. Video Input S-ch (up to 24-ch), each up to 4 Mbps Up to 6 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras 16-ch				
Up to 6 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 Incoming Bandwidth 96 Mbps 3K(2960 x 1665)@20 fps, 5 MP(2560 x 1944)@20 fps, 4 MP(2560 x 1440)@30 fps, 4 MP(2560 x 1440)@25 fps, 1080p@25 fps, 720p@30 fps, 720p@30 fps, 720p@25 fps AHD Input 5 MP(2592 x 1944)@20 fps,4 MP(2560 x 1440)@30 fps, 4 MP(2560 x 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps HDCVI Input 5 MP(2592 x 1944)@20 fps,4 MP(2560 x 1440)@30 fps, 4 MP(2560 x 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps CVBS Input PAL/NTSC HDMI Output 1-ch, 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz VGA Output 1-ch, 8C4 (2.0 Vp-p, 1 KΩ) Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network 128 Total Bandwidth 128 Total Bandwidth 128 Total Bandwidth 128 Total Bandwidth 128 App	IP Video Input			
Support H.265+/H.265/H.264+/H.264 IP cameras 16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection Incoming Bandwidth 96 Mbps HDTVI input 3K(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps AHD Input 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@25 fps BDCVI input 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@30 fps, 720p@25 fps CVBS input PAL/NTSC HDMI Output 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (1.0 vp-p, 1 KΩ) 16-ch kia coaxial cable Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, ISCSI, UPnP™, HTTPS, ONVIF Network Protocol 1, R145 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface				
16-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection Incoming Bandwidth 96 Mbps HDTVI input 3K(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps AHD input 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@30 fps, 720p@25 fps CVBS input PAL/NTSC HDMI Output 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (10ear, 1 KΩ) Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPOE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, ISCSI, UPnP™, HTTPS, ONVIF Network Protocol 1, R45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface		Up to 6 MP resolution		
Analog Video Input BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection Incoming Bandwidth 96 Mbps 3K(2960 x 1665)@20 fps, 5 MP(2560 x 1944)@20 fps, 4 MP(2560 x 1440)@30 fps, 4 MP(2560 x 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps AHD Input 5 MP(2590 x 1944)@20 fps,4 MP(2560 x 1440)@30 fps, 4 MP(2560 x 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@30 fps, 720p@25 fps 5 MP(2592 x 1944)@20 fps,4 MP(2560 x 1440)@30 fps, 4 MP(2560 x 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@30 fps, 720p@25 fps 5 MP(2592 x 1944)@20 fps,4 MP(2560 x 1440)@30 fps, 4 MP(2560 x 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@30 fps, 720p@25 fps CVBS Input PAL/NTSC 1-ch, 4K (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz VGA Output 1-ch, 4S (3840 x 2160)/30Hz, 2K (2560 x 1440)/60Hz, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz 1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz 4udio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (1.0 vp-p, 1 KΩ) (using the first audio input) Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)		Support H.265+/H.265/H.264+/H.264 IP cameras		
BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection	Analog Video Input	16-ch		
HDTVI Input 3K(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 1080p@30 fps, 1080p@30 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps HDCVI Input 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps CVBS Input PAL/NTSC HDMI Output 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network Remote Connection 128 TOtal Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Protocol Network Protocol Network Interface Auxiliary Interface SATA 1 SATA interface		BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection		
HDTVI Input MP(2560 × 1440)@25 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps, 720p@25 fps AHD Input S MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps S MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps CVBS Input PAL/NTS CVBS Input PAL/NTS HDMI Output 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Protocol Network Interface Auxiliary Interface SATA 1 SATA interface	Incoming Bandwidth	96 Mbps		
MP(2560 × 1440)@25 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps CVBS Input PAL/NTSC HDMI Output 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) 10-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Protocol 1, RI45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	HDTVI Input	3K(2960 x 1665)@20 fps, 5 MP(2560 x 1944)@20 fps, 4 MP(2560 x 1440)@30 fps, 4		
AHD Input 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@30 fps, 720p@25 fps CVBS Input PAL/NTSC HDMI Output 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPOE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Interface 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	TIDI VI III put	MP(2560 × 1440)@25 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps, 720p@25 fps		
1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps 5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps CVBS Input PAL/NTSC HDMI Output 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Interface 1, R145 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	AHD Input	5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps,		
HDCVI Input 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps CVBS Input PAL/NTSC 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 16-ch via coaxial cable Audio Output 1-ch, RCA (10-ear, 1 KΩ) Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) Synchronous playback 16-ch Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPP0E, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Interface 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	And input	1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps		
1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps CVBS Input PAL/NTSC 1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 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 Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Interface 1, R145 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	LIDCV/ Innut	5 MP(2592 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps,		
1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 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 Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Interface 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	ndevi input	1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps		
HDMI Output 1024/60Hz, 1280 × 720/60Hz VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz 1-ch, RCA (2.0 Vp-p, 1 KΩ) 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 Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, ISCSI, UPnP™, HTTPS, ONVIF Network Interface 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	CVBS Input	PAL/NTSC		
VGA Output 1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz 1-ch, RCA (2.0 Vp-p, 1 KΩ) 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 Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Interface 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	LIDMI Outrant	1-ch, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 ×		
Audio Input 1-ch, RCA (2.0 Vp-p, 1 KΩ) 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 Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Interface 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	HDIVII Output	1024/60Hz, 1280 × 720/60Hz		
Audio Input16-ch via coaxial cableAudio Output1-ch, RCA (Linear, 1 KΩ)Two-Way Audio1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)Synchronous playback16-chNetworkRemote Connection128Total Bandwidth128 MbpsNetwork ProtocolTCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIFNetwork Interface1, RJ45 10M/100M/1000M self-adaptive Ethernet interfaceAuxiliary Interface1 SATA interface	VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz		
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 Network Remote Connection 128 Total Bandwidth 128 Mbps Network Protocol TCP/IP, PPPOE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Interface 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	A 12 1	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input) 16-ch Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Interface 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	Audio Input	16-ch via coaxial cable		
Synchronous playback Network Remote Connection 128 Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF Network Protocol 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	Audio Output	1-ch, RCA (Linear, 1 KΩ)		
NetworkRemote Connection128Total Bandwidth128 MbpsNetwork ProtocolTCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIFNetwork Interface1, RJ45 10M/100M/1000M self-adaptive Ethernet interfaceAuxiliary InterfaceSATA1 SATA interface	Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)		
Remote Connection128Total Bandwidth128 MbpsNetwork ProtocolTCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIFNetwork Interface1, RJ45 10M/100M/1000M self-adaptive Ethernet interfaceAuxiliary Interface1 SATA interface	Synchronous playback	16-ch		
Total Bandwidth 128 Mbps TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	Network			
Network Protocol TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	Remote Connection	128		
Network Protocol ONVIF 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	Total Bandwidth	128 Mbps		
ONVIF 1, RJ45 10M/100M/1000M self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface	Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS,		
Network Interface self-adaptive Ethernet interface Auxiliary Interface SATA 1 SATA interface		ONVIF		
SATA self-adaptive Ethernet interface 1 SATA interface	Network Interface	1, RJ45 10M/100M/1000M		
SATA 1 SATA interface		self-adaptive Ethernet interface		
	Auxiliary Interface			
Capacity Up to 10TB capacity for each disk	SATA	1 SATA interface		
	Capacity	Up to 10TB capacity for each disk		



USB Interface	Real panel: 2 × USB 2.0		
Alarm In/Out	N/A		
General			
Power Supply	12 VDC, 1.9 A		
Consumption	≤ 13 W		
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)		
Working Humidity	10% to 90%		
Dimension (W × D × H)	265 × 225 × 48 mm (10.4 × 8.9 × 1.9 inch)		
Weight	≤ 1.7 kg (3.7 lb)		

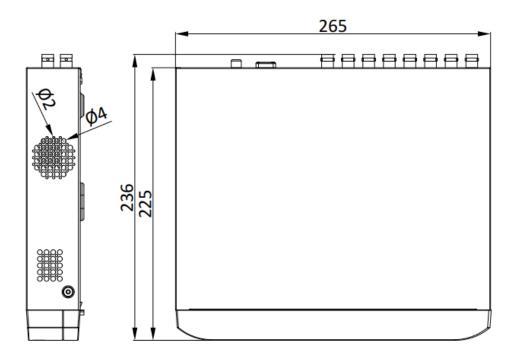
Note:

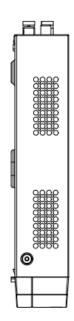
- 1: Motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the other one unavailable.
- 2: Enhanced IP mode might be conflicted with smart events (perimeter protection) or other functions, please refer to the user manual for details.

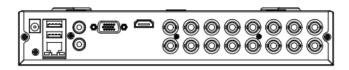


Dimension





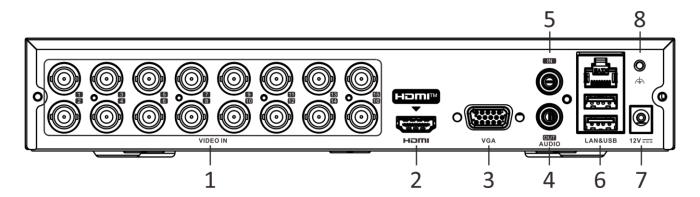




scale/1:1;Unit/mm



Physical Interface



No.	Description	No.	Description
1	Video and Coaxial Audio In	5	AUDIO IN, RCA Connector
2	HDMI Interface	6	USB Interface and LAN Network Interface
3	VGA Interface	7	Power Input
4	AUDIO OUT, RCA Connector	8	GND

Available Model

iDS-7216HQHI-M1/E

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