

# iDS-7208HQHI-M1/XT 8-ch 1080p 1U H.265 AcuSense DVR

### **Key Feature**

- 8 channels and 1 HDD 1U AcuSense DVR
- Supports 2-ch Facial Recognition or 4-ch advanced model
   Perimeter Protection based on Deep Learning algorithm
- Support HDTVI Two-Way Audio technology
- Efficient H.265 pro+ compression technology
- Encoding ability up to 3K/5M Lite @ 12 fps
- 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)
- Up to 12 network cameras can be connected
- Support All channels Motion Detection technology



















### **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 (Dynamic Domain Name System) for easy network management



### Specification

Facial Recognition			
Face Picture Library	Up to 16 face picture libraries		
Face Picture Comparison	Face picture comparison, face picture search (2-ch face picture comparison alarm for HD		
(Captured from Camera)	analog camera)		
Motion Detection 2.0			
	Deep learning-based motion detection 2.0 is enabled by default for all analog channels,		
Human/Vehicle Analysis	it can classify human and vehicle, and extremely reduce false alarms caused by objects		
Trumany vehicle Analysis	like leaves and lights;		
	Quick search by object or event type is supported;		
Perimeter Protection			
	Up to 4-ch		
Human/Vehicle Analysis	Note: Face picture comparison, motion detection 2.0 and perimeter protection cannot		
	be enabled at the same time. Enable one function will make the other two unavailable.		
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;		
Encoung Nesolution	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)		



comparison, motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.  8-ch  BNC interface $(1.0 \text{ Vp-p}, 75 \Omega)$ , supporting coaxitron connection  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  5 MP(2560 x 1944)@20 fps,4 MP(2560 x 1440)@30 fps, 4 MP(2560 x 1440)@25 fps, 1080p@30 fps, 720p@25 fps, 720p@30 fps, 720p@25 fps	Video Bitrate	32 Kbps to 6 Mbps		
Audio Compression Audio Bitrate 64 Kbps  Video and Audio  2-ch (up to 10-ch) Enhanced IP mode on: 4-ch (up to 12-ch), each up to 4 Mbps Up to 6 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras Note: 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.  Analog Video Input  8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection  ANDIO STANDARD	Dual-stream	Support main stream or sub stream		
Video and Audio         Video and Audio         2-ch (up to 10-ch)         Enhanced IP mode on:         4-ch (up to 12-ch), each up to 4 Mbps         Up to 6 MP resolution         Support H.265+/H.265+/H.264+/H.264 IP cameras         Note: 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.         Analog Video Input         BNC interface (1.0 Vp-p, 75 O), supporting coaxitron connection         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)@30 fps, 720p@25 fps         AHD Input       3K(2960 x 1665)@20 fps, 1080p@30 fps, 1080p@30 fps, 720p@25 fps         AHD Input       5 MP(2560 x 1944)@25 fps, 1080p@30 fps, 720p@30 fps, 720p@25 fps         BHDCVI 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@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps         CVBS Input       PAL/NTSC         HDMI Output       1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output         VGA Output       1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 x 576, NTSC: 704 x 480         1-ch, BNC	Stream Type	Video, Video & Audio		
Video and Audio  2-ch (up to 10-ch) Enhanced IP mode on: 4-ch (up to 12-ch), each up to 4 Mbps Up to 6 MP resolution Support H.265+/H.265/H.264+/H.264 IP cameras Note: 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.  8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection  38(2960 x 1665)@20 fps, 5 MP(2560 x 1944)@20 fps, 4 MP(2560 x 1440)@30 fps, 1080p@30 fps, 1080p@30 fps, 1080p@30 fps, 1080p@30 fps, 1080p@30 fps, 1080p@30 fps, 720p@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@25 fps, 1080p@30 fps, 1080p@30 fps, 720p@25 fps  1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps  CVBS Input PAL/NTSC HDMI Output PAL/NTSC HDMI/VGA simultaneous output 1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output 1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  1	Audio Compression	G.711u		
P Video Input   Comparison of the Comparison o	Audio Bitrate	64 Kbps		
Enhanced IP mode on: 4-ch (up to 12-ch), each up to 4 Mbps Up to 6 MP resolution Support H.265+/H.265/H.265/H.264+/H.264 IP cameras Note: 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.  8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection  HDTVI Input  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)@35 fps, 1080p@35 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps 5 MP(2560 x 1944)@20 fps,4 MP(2560 x 1440)@30 fps, 720p@25 fps, 1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps 4DCVI Input  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 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, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  VGA Output  1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output  Audio Input  Audio Input  Audio Input  Audio Input  Audio Input  Audio Input  1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable Note: The number of audio input and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.	Video and Audio			
Support H.265+/H.264+/H.264 IP cameras Note: 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.  Analog Video Input  BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection  3K(2960 × 1665)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@30 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 720p@25 fps  3 MP(2560 × 1944)@25 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps, 720p@25 fps  5 MP(2560 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 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  PAL/NTSC  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  CVBS Output  1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480  1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)  8-ch via coaxial cable  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.		Enhanced IP mode on:		
Support H.265+/H.265/H.264+/H.264 IP cameras  Note: 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.  8-ch  BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection  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  4HD Input  5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@35 fps, 720p@35 fps, 720p@35 fps  5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@35 fps, 720p@35 fps  5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 fps, 1080p@30 fps, 1080p@35 fps, 720p@35 fps  CVBS Input  PAL/NTSC  HDMI Output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  1-ch, 8NC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480  1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)  8-ch via coaxial cable  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.		Up to 6 MP resolution		
comparison, motion detection 2.0 and perimeter protection) or other functions, please refer to the user manual for details.  8-ch BNC interface (1.0 Vp-p, 75 Ω), supporting coaxitron connection  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  4HD Input  5 MP(2560 × 1944)@20 fps,4 MP(2560 × 1440)@30 fps, 4 MP(2560 × 1440)@25 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@25 fps, 720p@30 fps, 720p@25 fps  CVBS Input  PAL/NTSC  HDMI Output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  Audio Input  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.	IP Video Input	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           HDTVI Input         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(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           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, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output           VGA Output         1-ch, 1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, HDMI/VGA simultaneous output           CVBS Output         1-ch, 8NC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 x 576, NTSC: 704 x 480           Audio Input         1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)           8-ch via coaxial cable         Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.           Audio Output         1-ch, RCA (Linear, 1 KΩ)		Note: 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.		
HDTVI Input  MP(2560 × 1440)@25 fps,1080p@30 fps, 1080p@25 fps,720p@30 fps, 720p@25 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  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, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  VGA Output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  CVBS Output  1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480  1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)  8-ch via coaxial cable  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.  Audio Output  1-ch, RCA (Linear, 1 KΩ)	Analog Video Input			
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@25 fps, 720p@30 fps, 720p@25 fps  CVBS Input  PAL/NTSC  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  VGA Output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  CVBS Output  1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480  1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)  8-ch via coaxial cable  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.  Audio Output  1-ch, RCA (Linear, 1 KΩ)	HDTVI Input	3K(2960 x 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		
HDCVI Input  1080p@30 fps, 1080p@25 fps, 720p@30 fps, 720p@25 fps  CVBS Input  PAL/NTSC  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,  HDMI/VGA simultaneous output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,  HDMI/VGA simultaneous output  CVBS Output  1-ch, BNC (1.0 Vp-p, 75 Ω),  resolution: PAL: 704 × 576, NTSC: 704 × 480  1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)  8-ch via coaxial cable  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.	AHD Input	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		
1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, HDMI/VGA simultaneous output  1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480  1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ) 8-ch via coaxial cable Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.  Audio Output  1-ch, RCA (Linear, 1 KΩ)	HDCVI Input			
HDMI/VGA simultaneous output  1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz,  HDMI/VGA simultaneous output  1-ch, BNC (1.0 Vp-p, 75 Ω),  resolution: PAL: 704 × 576, NTSC: 704 × 480  1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)  8-ch via coaxial cable  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.  Audio Output  1-ch, RCA (Linear, 1 KΩ)	CVBS Input	PAL/NTSC		
VGA Output         HDMI/VGA simultaneous output         1-ch, BNC (1.0 Vp-p, 75 Ω),         resolution: PAL: 704 × 576, NTSC: 704 × 480         1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)         8-ch via coaxial cable         Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.         Audio Output       1-ch, RCA (Linear, 1 KΩ)	HDMI Output	put		
CVBS Output  resolution: PAL: 704 × 576, NTSC: 704 × 480  1-ch (up to 8-ch is optional), RCA (2.0 Vp-p, 1 KΩ)  8-ch via coaxial cable  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.  Audio Output  1-ch, RCA (Linear, 1 KΩ)	VGA Output			
8-ch via coaxial cable  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs. If your device only has 1 audio input, the tag may not describe it.  Audio Output  1-ch, RCA (Linear, 1 ΚΩ)	CVBS Output			
	Audio Input	8-ch via coaxial cable  Note: The number of audio inputs and alarm in/out can be optional. The tag on the package will describe audio input and alarm in/out parameters. For example, "4A+8/4ALM" means your device has 4 audio inputs, 8 alarm inputs and 4 alarm outputs.		
Two-Way Audio 1-ch, RCA (2.0 Vp-p, 1 KΩ) (using the first audio input)	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)		

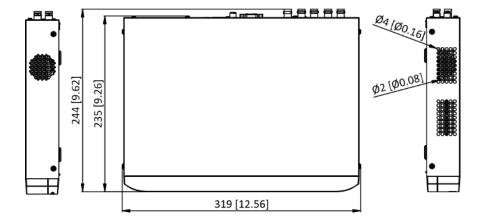


Synchronous playback	8-ch		
Network			
Remote Connection	64		
Total Bandwidth	96 Mbps		
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF		
Network Interface	1, RJ45 10/100 Mbps self-adaptive Ethernet interface		
Wi-Fi	Connectable to Wi-Fi network by Wi-Fi dongle through USB interface		
Auxiliary Interface			
Serial Interface	RS-485 (half-duplex)		
SATA	1 SATA interface, up to 10 TB capacity for each disk		
Alarm In/Out	N/A (optional to support)		
USB Interface	Front panel: 1 × USB 2.0;		
	Rear panel: 1 × USB 2.0		
General			
Power Supply	12 VDC, 1.5 A		
Consumption	≤ 18 W (without HDD)		
Working Temperature	-10 °C to + 55 °C (14 °F to 131 °F)		
Working Humidity	10% to 90%		
Dimension (W $\times$ D $\times$ H)	315 × 242 × 45 mm (12.4 × 9.5 × 1.8 inch)		
Weight	≤ 1.78 kg (3.9 lb) (without HDD)		



## Dimension





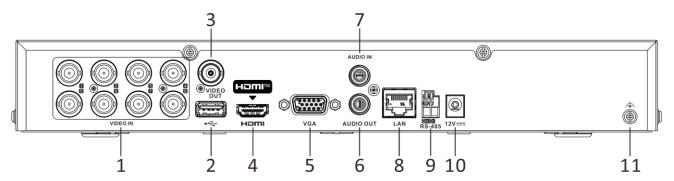


Unit:mm [inch]

SCALE 1:1



# **Physical Interface**



No.	Description	No.	Description
1	VIDEO IN	7	AUDIO IN, RCA connector
2	USB 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		

### **Available Model**

iDS-7208HQHI-M1/XT

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