

DS-7216HUHI-S2/XT**16-ch HU 1U PowerX DVR with Guanlan Encoding**

- 16-ch Analog video inputs, Encoding ability up to 4K/8MP @ 8fps or 3K/5MP Lite@12fps
- 16-ch Guanlan AI Encoding for saving recording storage effectively
- Support 4-ch Facial Recognition or 16-ch Perimeter Protection based on Deep Learning algorithm
- Support 16-ch AcuSearch, helping users quickly find target in recordings
- Support All channels Motion Detection Technology
- Up to 32 channels IP camera inputs, each channel up to 8MP
- Support 16-ch HDTVI Two-Way Audio via BNC
- 5 signals input adaptively (HDTVI/AHD/CVI/CVBS/IP)

▪ Specification

Intelligent Analytics	
Intelligent Analytics by Recorder	MD2.0/Perimeter Protection/Facial detection&Recognition/AcuSearch/SmartSearch
Multi-Capability Intelligence Mode	MD2.0/Perimeter Protection/Facial detection&Recognition/AcuSearch/SmartSearch can be enabled at the same time
AcuSearch	
AcuSearch by Recorder	Up to 16-ch analog cameras
SmartSearch	
SmartSearch by Recorder	Up to 16-ch analog cameras
Perimeter Protection	
Human/Vehicle Analysis by Recorder	Up to 16-ch analog cameras
Facial Detection	
Facial Detection by Recorder	Up to 2-ch analog cameras
Facial Recognition	
Face Picture Library	Up to 16 face picture libraries with 5000 pictures in total (each picture ≤ 2M, total capacity ≤ 30M)
Facial Recognition by Recorder	Up to 4-ch analog cameras
Motion Detection 2.0	
Human/Vehicle Analysis	Up to 16-ch analog cameras
Video and Audio	
Analog Camera Input	8-ch BNC ports(1.0 Vp-p, 75 Ω), supporting HDTVI/CVI/AHD/CVBS auto-detect
IP Camera Input	Up to 32-ch of IP camera input , each up to 8MP 16-ch by default + 16-ch (analog channels are converted to IP channels)
Video Output	1-ch HDMI, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz; 1-ch VGA, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz (HDMI/VGA simultaneous output); 1-ch CVBS (BNC, 1.0 Vp-p, 75 Ω), PAL: 704 × 576, NTSC: 704 × 480
CVBS Input	PAL/NTSC
Synchronous Playback	Up to 16-ch
HDTVI Input	8 MP(3840 × 2160)@12/15 fps, 3K(2960 × 1665)@25/20 fps, 3K(3328 × 1504)@20 fps, 2K(2304 × 1296)@20 fps, 5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30 fps
AHD Input	5 MP(2560 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30 fps

HDCVI Input	8 MP(3840 × 2160)@12/15 fps, 3K(2880 × 1620)@20/25 fps, 5 MP(2592 × 1944)@20 fps, 4 MP(2560 × 1440)@25/30 fps, 1080P@25/30 fps, 720P@25/30 fps
Audio Output	1-ch RCA
Audio Input	1-ch RCA (2.0 Vp-p, 1 KΩ); 16-ch coaxial audio via BNC
Two-Way Audio	16-ch two-way audio via BNC , Support two-way audio from DVR local, web and Hik-Connect to analog camera; Use the first RCA audio input if the two-way audio from DVR local to analog camera
Recording	
Video Compression	AI Encoding/H.265/H.264
Encoding Capacity	Main stream: 8 MP@8 fps/3K@12 fps/5 MP@12 fps/2K@20 fps/4 MP@15 fps/8 MP Lite@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 Bitrate	32 Kbps to 10 Mbps
Dual-Stream	Support main stream or sub stream
Stream Type	Video, Video & Audio
Audio Compression	G.711u
Audio Bitrate	64 Kbps
Network	
API	ONVIF (profileS/G), SDK, ISAPI, ISUP
Compatible Browser	IE, Chrome, Firefox, Safari, Edge
Network Protocol	TCP/IP, PPPoE, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, NFS, iSCSI, UPnP™, HTTPS, ONVIF, ISUP
Ports	
SATA	2 SATA interface, up to 10 TB capacity for each disk
Serial Interface	1 RS-485 (half-duplex)
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm In/Out	N/A (optional to support)
VGA	1-ch
Audio In	1-ch (up to 16-ch is optional) RCA (2.0 Vp-p, 1 KΩ); 16-ch via coaxial cable
Audio Out	1-ch, RCA (Linear, 1 KΩ)
Network Port	1, RJ45 10/100/1000 Mbps self-adaptive Ethernet interface
HDMI	1-ch
General	
Installation	Desktop
Net Weight	≤ 2.1 kg
Gross Weight	≤ 3.5 kg

Product Dimensions	384 × 313 × 52 mm (15.1 × 12.3 × 2.0 inch)
Packaging Dimensions	435 × 387 × 129 mm (17.1 × 15.2 × 5.0 inch)
Packaging Method	A pack of four
Packing List	DVR *1 Quick Start Guide *1 Adapter and Power cable*1 Mouse *1 SATA Power cable *1 SATA Data cable *2 Power cord *1 Several Screws
Power Supply	12 VDC, 5 A
Consumption	≤ 60 W
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Certification	
CE	CE-LVD, CE-EMC
Obtained Certification	CB, IC, RCM, LOA

▪ Physical Interface

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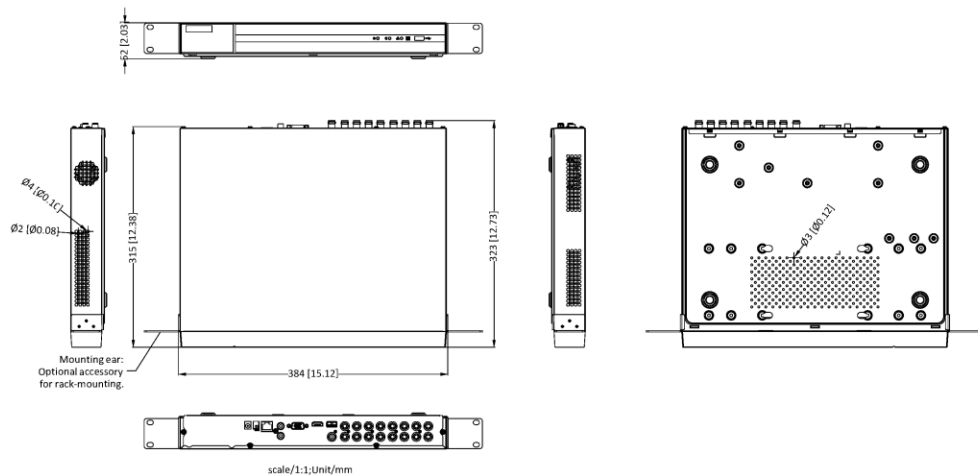
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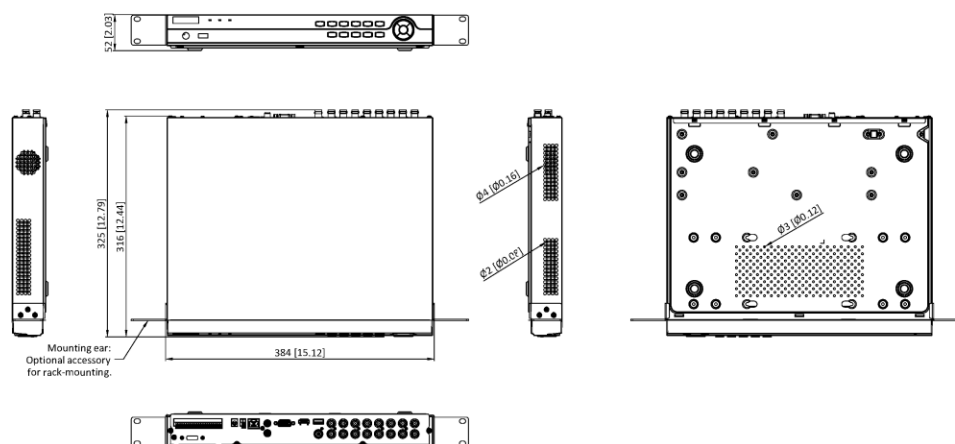
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▪ Dimension



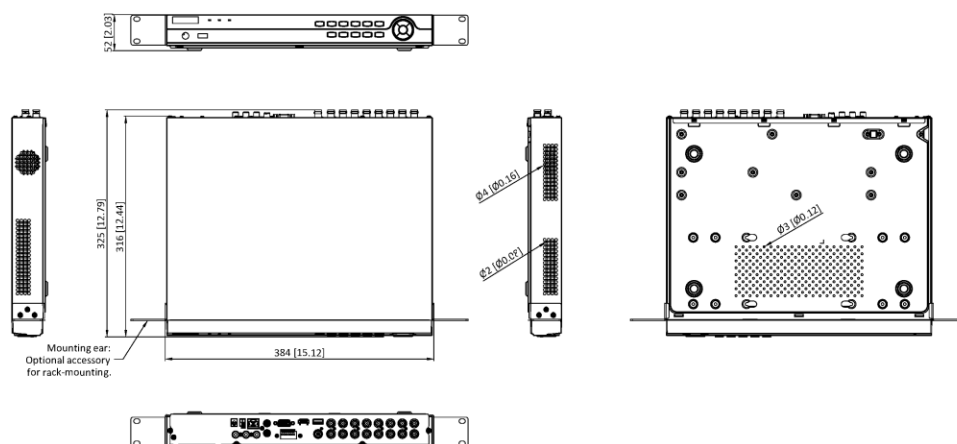
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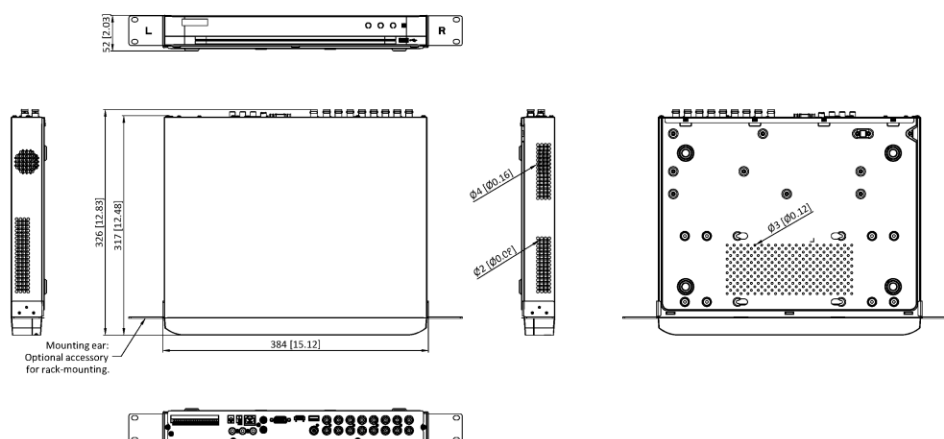
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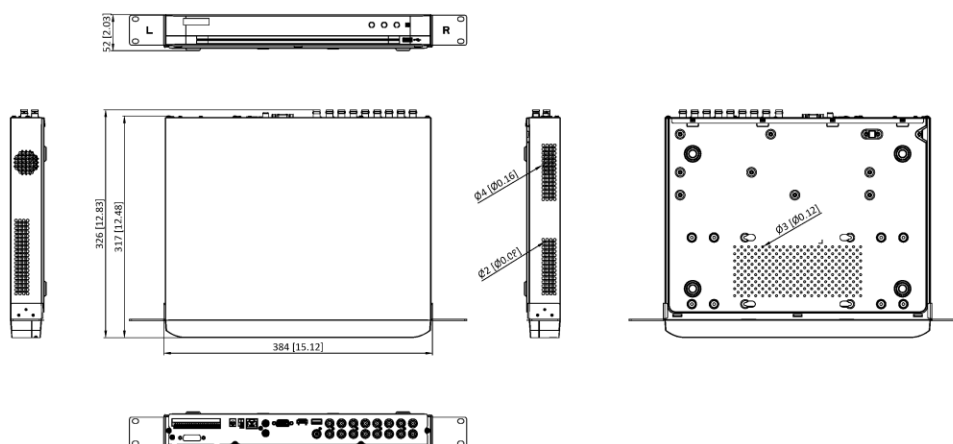
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Unit:mm [inch]

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