8 Channel Network Video Recorder
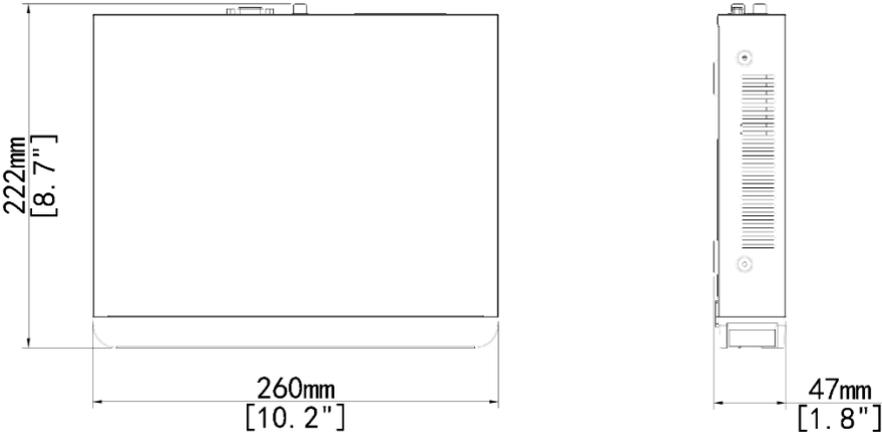
GV-NVR8CHV2-AI-4K

Key Features

- Support Ultra 265/H.265/H.264 video formats

- 8-channel input

- Plug & Play with 8 independent PoE network interfaces

- Support mainstream cameras of ONVIF conformance (Profile S, Profile G, Profile T) and RTSP protocols

- Support HDMI and VGA simultaneous output

- Up to 16 Megapixels resolution recording

- 1 SATA HDDs, up to 8TB for each HDD

- ANR technology to enhance the storage reliability when the network is disconnected

- Support cloud upgrade

Specifications

Decoding	Description
Decoding Format	Ultra 265,H.265,H.264
Decoding Capability	Ultra 265/H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30 H.264: 2 x 16MP(4800*2688)@30, 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30
Audio Compression	G.711A, G.711U
Network	**Description**
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	64Mbps
Remote Users	128
Protocols	TCP/IP;P2P;UPnP;NTP;DHCP;PPPoE;HTTP;HTTPS;DNS;DDNS;SNMP;SMTP;RTSP;IPv6
Browser(Plugin)	Windows:IE(IE10/11),Firefox (version 52.0 and above),Chrome(version 45 and above),Edge(version 79 and above)
Video/Audio Input	**Description**
IP Video Input	8-ch
RCA Audio Input	1-ch
Video/Audio Output	**Description**
HDMI Output	HDMI:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
RCA Audio Output	1-ch
Liveview Display	1/4/6/8/9
Corridor Mode Screen	3/4/5/7/9
Two-way Audio	**Description**
Two-way Audio	1-ch, RCA(Using the audio input and output)
Snapshot	**Description**
FTP/Schedule/Event Snapshot	8-ch snapshot, up to D1 resolution
Recording	**Description**
Recording Resolution	16MP/12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF
Smart	**Description**
VCA Detection by IPC	Face Detection;SIP(Intrusion Detection,Cross Line Detection,Enter Area,Leave Area);Ultra Motion Detection(UMD);People Counting(People Flow Counting,Crowd Density Monitoring)
VCA Search	Face Snapshot Search; Motor Vehicle Search;Non-Motor Vehicle Search;Human Body Search;General Search;People Counting Report
Smart by IPC	Total 8-ch (Face Detection, SIP,UMD)
Alarm	**Description**
General Alarm	Defocus Detection; Scene Change Detection; Object Left Behind; Object Removed; Auto Tracking; Motion Detection; Tampering; Human Body Detection; Video Loss Alarm Input; Audio Detection
Alert Alarm	IP Conflict; Network Disconnected; Disk Offline; Disk Abnormal; Illegal Access; Hard Disk Space Low; Hard Disk Full; Recording/Snapshot Abnormal
Hard Disk	**Description**

SATA	1 SATA Interface
Capacity	Up to 8TB for each HDD (The maximum HDD capacity varies with environment temperature)
External Interface	Description
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB	Rear panel: 1 x USB2.0,1 x USB3.0
RS485	N/A
RS232	N/A
Alarm In	N/A
Alarm Out	N/A
Power Supply	DC 52V/1.8A
PoE	Description
Interface	RJ45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port, Max 75W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af
Working Environment	Description
Working Temperature	-10°C ~ + 55°C (+14°F ~ +131°F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 10W
Dimensions	Description
Weight (without HDD)	≤ 1.1Kg (2.43lb)
Dimensions	260mm × 222mm × 47mm (10.2"×8.7"×1.8")
Certification	Description
Certification	CE,FCC,UL,RoHS,WEEE
CE	EN 55032,EN 61000-3-3,EN IEC 61000-3-2,EN 55035
FCC	Part15 Subpart B

Dimensions

222mm [8.7"]

260mm [10.2"]

47mm [1.8"]

Rear Panel

Audio Output
PoE Interface
GND
Network Interface
Audio Input
VGA Output
USB
Power Supply
HDMI Output