

# Network Video Recorder 8/16 Channel E2 Series

GV-NVR8/16CH-E2-AI-4K



## Key Features

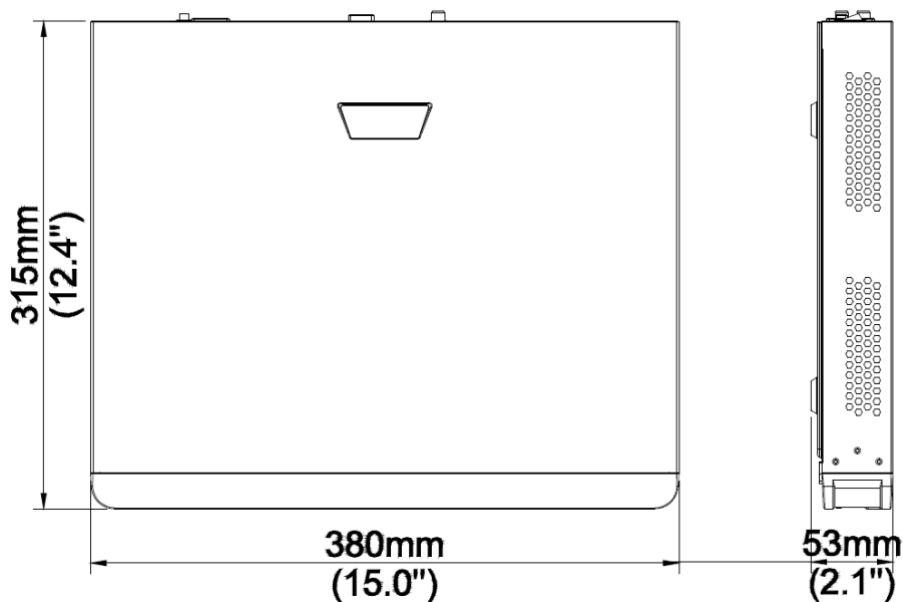
- Support Ultra H.265/H.265/H.264 video formats
- 8/16-channel input
- Plug & Play with 8/16 independent PoE network interfaces
- Supports mainstream cameras of ONVIF conformance(Profile S, Profile G, Profile T ) and RTSP protocols
- Support 1-ch HDMI, 1-ch VGA. HDMI up to 4K (3840x2160) resolution
- HDMI and VGA independent outputs provided
- Up to 12 Megapixels resolution recording
- 2 SATA HDDs, Up to 10TB for each HDD
- Various fisheye dewarping modes for live view and playback for both web interface and GUI
- ANR technology to enhance the storage reliability when the network is disconnected
- Support cloud upgrade

## Specifications

Model	GV-NVR8CH-E2-AI-4K		GV-NVR16CH-E2-AI-4K	
Video/Audio Input				
IP Video Input	8-ch		16-ch	
Two-way Audio Input	1-ch, RCA			
Network				
Incoming Bandwidth	256Mbps			
Outgoing Bandwidth	256Mbps			
Remote Users	128			
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE,HTTP, HTTPS,DNS,DDNS,SNMP,SMTP,NFS			
Client	APP: Guard Viewer CMS: Guard Station Tools: Guard Tools			
Web Browser	See master list for latest compatibility			
Video/Audio Output				
HDMI/VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz,1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz HDMI: 4K (3840x2160)/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz			
Recording Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF			
Audio Output	1-ch, RCA			
Audio Compression	G.711A, G.711U			
Synchronous Playback	8-ch		16-ch	
Liveview display	1/4/6/8/9		1/4/6/8/9/16	
Corridor Mode Screen	3/4/5/7/9		3/4/5/7/9/10/12/16	
Decoding				
Decoding format	Ultra 265, H.265, H.264			
Live view/Playback	12MP/8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF			
Capability	1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 8 x 1080P@30		1 x 12MP@30, 2 x 4K@30, 5 x 4MP@30, 10 x 1080P@30, 16 x 720P@30	
Hard Disk				
SATA	2 SATA interfaces			
Capacity	up to 10TB for each HDD			
eSATA	NA			
Disk Group	Support			
Smart				
VCA Detection by Camera	Face detection, Face comparison, Intrusion detection, Cross line detection, Enter area, Leave area, Defocus detection, Scene change detection, Object left behind, Object removed, Auto tracking			
VCA Search	Face search, Face comparison search, Behavior search, Vehicle search			
People Counting	People Counting			
General Alarm				
General Alarm	Motion, tampering, human body detection, video loss, input alarm, audio detection			

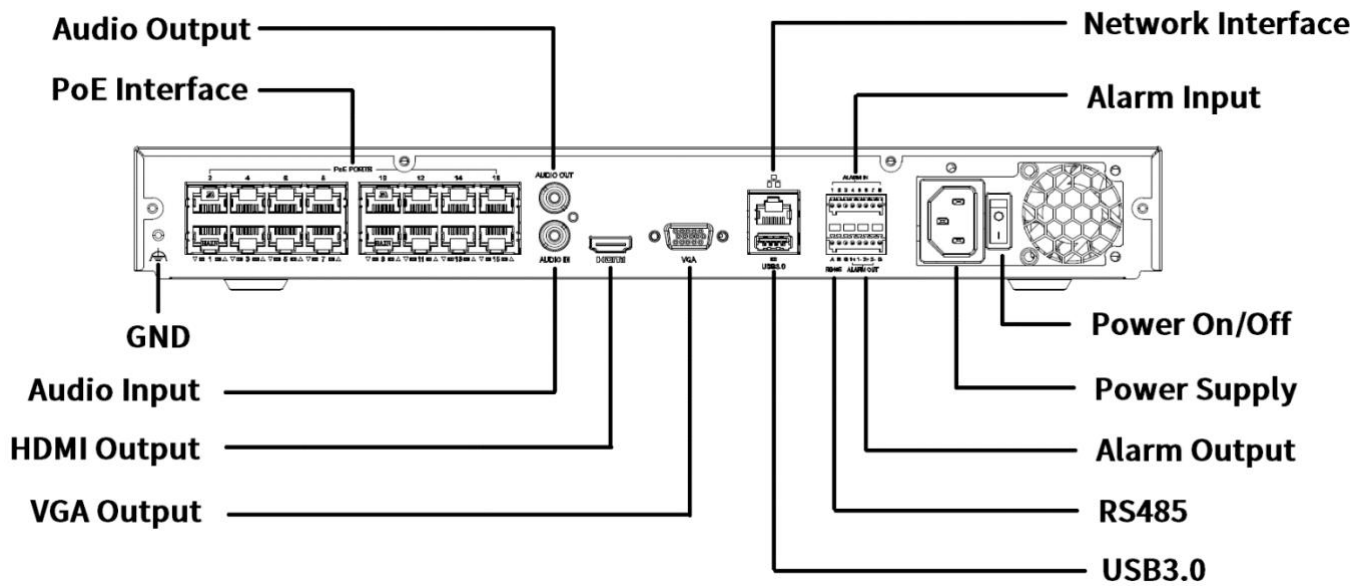
Alert Alarm	IP Conflict, Network Disconnected, Disk offline , Disk Abnormal, Illegal Access, Hard disk space low, Hard disk full, Recording/Snapshot Abnormal	
External Interface		
Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interfaces	
USB Interface	Front panel: 1 x USB2.0,Rear panel: 1 x USB3.0	
RS232	NA	
RS485	1	
Alarm In	8-ch	
Alarm Out	2-ch	
PoE		
Interface	8 RJ-45 10M/100M self-adaptive Ethernet Interface	16 RJ-45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 130W in total	Max 30W for single port Max 240W in total
Supported Standard	IEEE 802.3af/at	
General		
Power Supply	100~240V AC Power Consumption: ≤ 10 W (without HDD)	
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)	
Dimensions (W×D×H)	380mm × 315mm × 53mm (15.0" × 12.4"× 2.1")	
Weight (without HDD)	≤2.6Kg (5.73lb)	
Certification		
Certification	FCC CE UL	

## Dimensions



## Rear Panel

Model: GV-NVR16CH-E2-AI-4K example.



ZM08252022 Design and specifications are subject to change without notice