

Digital Video Recorder

XVR301-G3 Series



Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable (only for TVI cameras)
- Control the dual-light of UNV analog cameras under TVI
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 4/8/16-channel BNC input
- Support 1-ch HDMI output, 1-ch VGA output at up to 1920*1080
- HDMI and VGA simultaneous output
- Long transmission distance over coaxial cable
- Support mainstream cameras of ONVIF and RTSP protocols

Specifications

Video/Audio Input	Description
IP Video Input	XVR301-04G3:2-ch
	XVR301-08G3/XVR301-08G3-NB:4-ch
	XVR301-16G3/XVR301-16G3-NB:8-ch
Analog Video Input	XVR301-04G3:4-ch, BNC
	XVR301-08G3/XVR301-08G3-NB:8-ch, BNC

	XVR301-16G3/XVR301-16G3-NB:16-ch, BNC
Max IP Video Input	XVR301-04G3:6-ch XVR301-08G3/XVR301-08G3-NB:8-ch XVR301-16G3/XVR301-16G3-NB:16-ch
Supported Analog Camera Types	XVR301-04G3:Support AHD input: 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support TVI input: 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support CVI input: 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support CVBS input XVR301-08G3:Support AHD input: 5MP@12.5fps 1080P@30fps 720P@30fps Support TVI input: 5MP@12.5fps 1080P@30fps 720P@30fps Support CVI input: 4MP@15fps 1080P@30fps 720P@30fps Support CVBS input XVR301-16G3:Support AHD input: 5MP@12.5fps 1080P@30fps 720P@30fps Support TVI input: 5MP@12.5fps 1080P@30fps 720P@30fps Support CVI input:

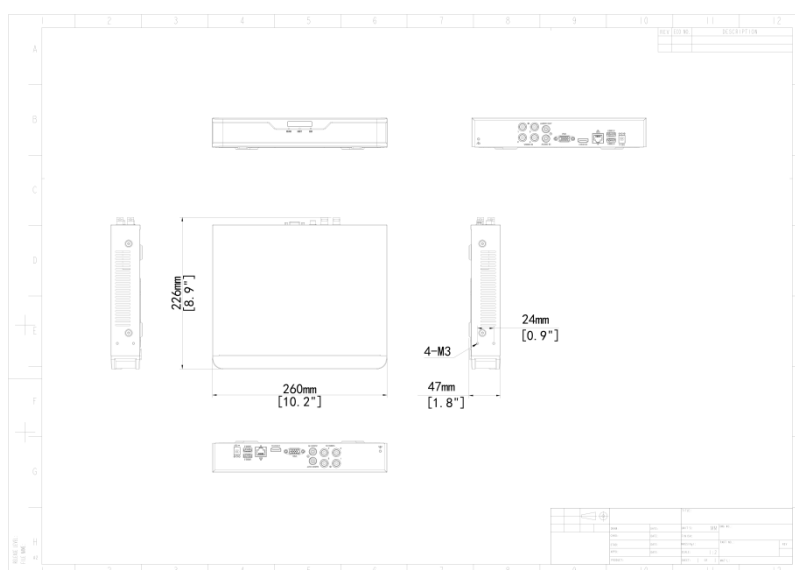
	1080P@30fps 720P@30fps Support CVBS input XVR301-08G3-NB:Support AHD input: 5MP@12.5fps 4MP@15fps 1080P@30fps 720P@30fps Support TVI input: 5MP@12.5fps 4MP@15fps 1080P@30fps 720P@30fps Support CVI input: 4MP@15fps 1080P@30fps 720P@30fps Support CVBS input XVR301-16G3-NB:Support AHD input: 5MP@12.5fps 4MP@15fps 1080P@30fps 720P@30fps Support TVI input: 5MP@12.5fps 4MP@15fps 1080P@30fps 720P@30fps Support CVI input: 1080P@30fps 720P@30fps Support CVBS input
RCA Audio Input	1-ch
Video/Audio Output	Description
HDMI Output	HDMI:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	XVR301-04G3/XVR301-08G3/XVR301-16G3:VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz XVR301-08G3-NB/XVR301-16G3-NB:VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz

RCA Audio Output	1-ch
Live View Display	XVR301-04G3:HDMI/VGA: 1/4/6/8/9 XVR301-08G3/XVR301-08G3-NB:HDMI/VGA: 1/4/6/8/9/16 XVR301-16G3/XVR301-16G3-NB:HDMI/VGA: 1/4/6/8/9/25
Encoding/Decoding	Description
Recording Resolution	XVR301-04G3:5MP Lite/4MP Lite/1080P/720P/D1 XVR301-08G3/XVR301-16G3:5MP Lite/1080P Lite/720P/D1 XVR301-08G3-NB:5MP Lite/4MP Lite/1080P Lite/720P/D1 XVR301-16G3-NB:5MP Lite/4MP Lite /1080P Lite/720P/D1
Recording Frame Rate	XVR301-04G3:Main stream: 5MP Lite@12fps Sub stream: D1@12fps Main stream: 4MP Lite@15fps Sub stream: D1@15fps Main stream: 1080P@15fps Sub stream: D1@15fps Main stream: 720P@25fps Sub stream: D1@25fps XVR301-08G3/XVR301-16G3:Main stream: 5MP Lite@6fps Sub stream: D1@6fps Main stream: 1080P Lite@12fps Sub stream: D1@12fps Main stream: 720P@12fps Sub stream: D1@12fps XVR301-08G3-NB/XVR301-16G3-NB:Main stream: 5MP Lite@6fps Sub stream: D1@6fps Main stream: 4MP Lite@8fps Sub stream: D1@8fps Main stream: 1080P Lite@12fps Sub stream: D1@12fps Main stream: 720P@12fps Sub stream: D1@12fps
Audio Sample Rate	8KHz, 16 bit per channel
Audio Bit Rate	64Kbps per channel
Decoding Capability	XVR301-04G3:Analog: 2 x 5MP Lite@12, 2 x 4MP Lite@15, 2 x 1080P@15 IP: 1 x 4MP@30, 2 x 1080P@30 XVR301-08G3:Analog: 4 x 5MP Lite@6, 4x 1080P Lite @12fps IP: 1 x 4MP@30, 2 x 1080P@30 XVR301-16G3:Analog: 8 x 5MP Lite@6, 8 x 1080P Lite@12 IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30 XVR301-08G3-NB:Analog: 4 x 5MP Lite@6,4x 4MP Lite@8, 4x 1080P Lite @12fps IP: 1 x 4MP@30, 2 x 1080P@30 XVR301-16G3-NB:Analog: 8 x 5MP Lite@6, 8 x 4MP Lite@8, 8 x 1080P Lite@12 IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30
Two-way Audio	Description
Two-way Audio	1-ch, RCA(Using the audio input and output)
Analog Snapshot	Description
FTP/Schedule/Event Snapshot	XVR301-04G3:FTP/Event snapshot:4-ch snapshot, up to 704*576 resolution,

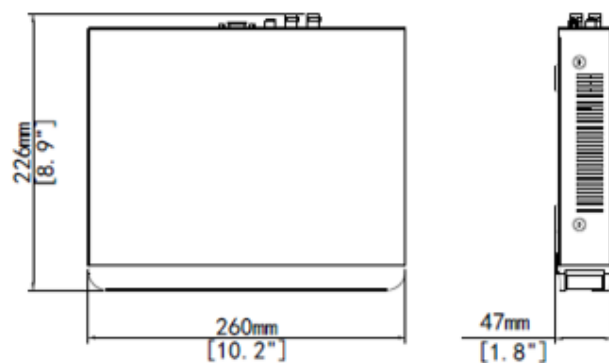
	Schedule snapshot: not supported XVR301-08G3/XVR301-08G3-NB:FTP/Event snapshot: 8-ch snapshot, up to 704*576 resolution, Schedule snapshot: not supported XVR301-16G3/XVR301-16G3-NB:FTP/Event snapshot: 16-ch snapshot, up to 704*576 resolution, Schedule snapshot: not supported
Network	Description
Incoming Bandwidth	XVR301-04G3: 16Mbps (Up to 24Mbps after all analog channel conversion) XVR301-08G3/XVR301-08G3-NB: 32Mbps (Up to 40Mbps after all analog channel conversion) XVR301-16G3: 40Mbps (up to 56Mbps after all analog channel conversion) XVR301-16G3-NB: 40Mbps (up to 56Mbps after all analog camera conversion)
Outgoing Bandwidth	XVR301-04G3: 48Mbps XVR301-08G3/XVR301-16G3/XVR301-08G3-NB/XVR301-16G3-NB: 64Mbps
Remote Users	128
Protocols	TCP/IP; P2P; UPnP; DHCP; HTTP; HTTPS; DNS; DDNS; SMTP; NTP
Browser(Plugin)	XVR301-04G3/XVR301-08G3/XVR301-16G3: Windows: IE (IE10/ 11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above) XVR301-08G3-NB/XVR301-16G3-NB: IE(IE10/11) Firefox (version 52.0 and above) Chrome(version 45 and above) Edge(version 79 and above)
Smart	Description
Analog Smart by XVR	XVR301-04G3/XVR301-08G3/XVR301-16G3: Ultra Motion Detection(UMD) XVR301-08G3-NB/XVR301-16G3-NB: Ultra Motion Detection(UMD)
Smart Functions by XVR	XVR301-04G3/XVR301-08G3/XVR301-08G3-NB: 4-ch(UMD) XVR301-16G3/XVR301-16G3-NB: 8-ch(UMD)
Alarm	Description
General Alarm	XVR301-04G3/XVR301-08G3/XVR301-16G3: Motion
Alert Alarm	IP Conflict; Network Disconnected; Disk offline; Disk Abnormal; Illegal Access; Hard Disk Space Low; Hard Disk Full; Recording/Snapshot Abnormal
GUI Language	Description
GUI Language	20 languages: English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian

Hard Disk	Description
SATA	1 SATA interface
Capacity	Up to 16TB 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: 2 x USB2.0
Power Supply	DC 12V/2A
Working Environment	Description
Working Temperature	-10 °C ~ 55 °C (14 °F ~ 131 °F)
Working Humidity	≤ 90% RH(non-condensing)
Power Consumption (without HDD)	XVR301-04G3/XVR301-08G3/XVR301-08G3-NB: ≤ 8W XVR301-16G3/XVR301-16G3-NB: ≤ 10W
Dimensions	Description
Weight (without HDD)	≤ 1.1 Kg (2.42lb)
Dimensions	260mm × 226mm × 47mm (10.2" × 8.9" × 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

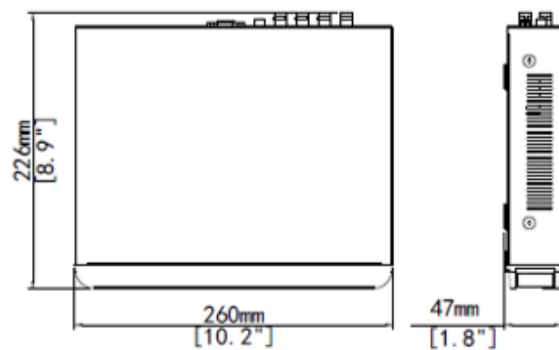
Dimensions



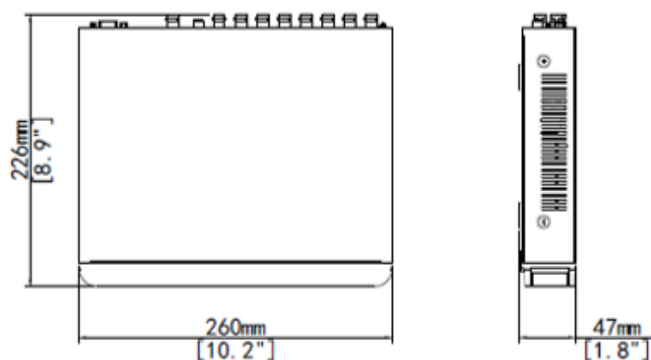
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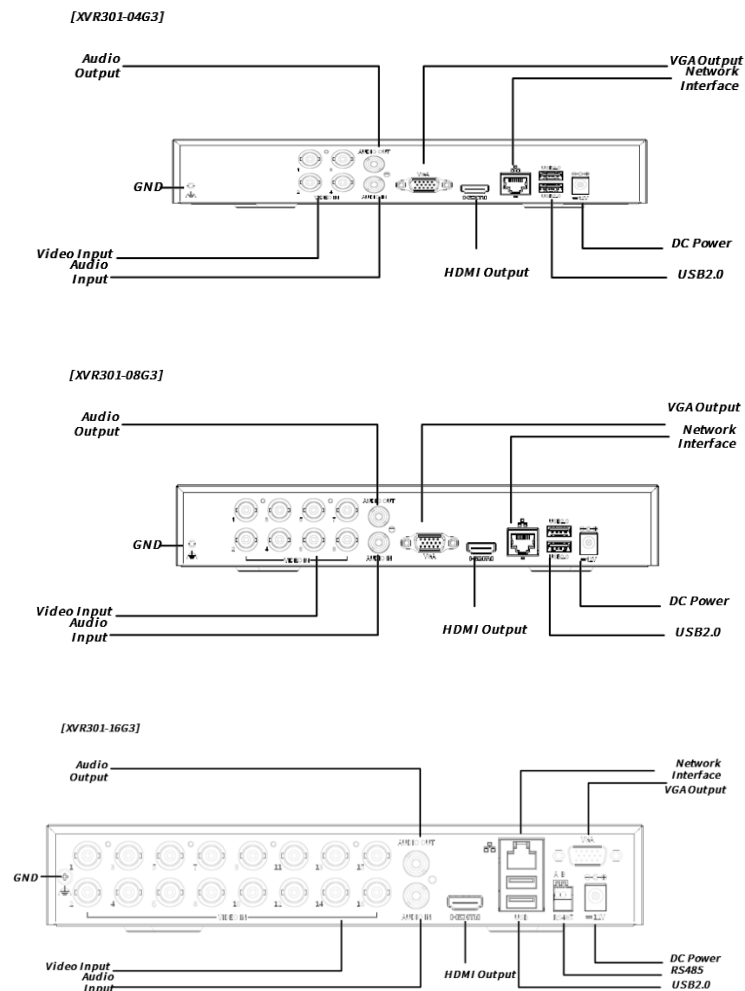
[XVR301-08G3]



[XVR301-16G3]



Rear Panel



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