

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
	XVR301-08G3:4-ch
	XVR301-16G3:8-ch
Analog Video Input	XVR301-04G3:4-ch, BNC
	XVR301-08G3:8-ch, BNC

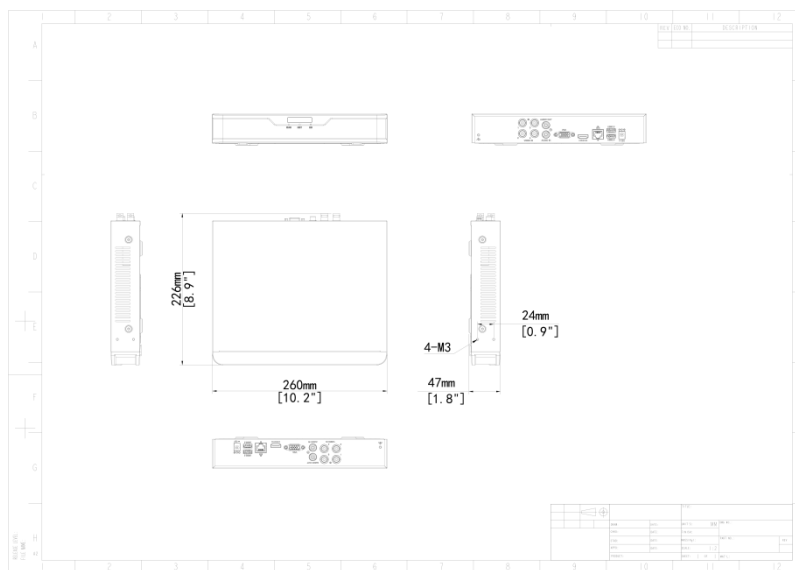
	XVR301-16G3:16-ch, BNC
Max IP Video Input	<p>XVR301-04G3:6-ch</p> <p>XVR301-08G3:8-ch</p> <p>XVR301-16G3:16-ch</p>
Supported Analog Camera Types	<p>XVR301-04G3:Support AHD input: 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support TVI input: 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support CVI input: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

	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	VGA:1920x1080/60Hz, 1920x1080/50Hz, 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:HDMI/VGA: 1/4/6/8/9/16 XVR301-16G3: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
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
Audio Sample Rate	8 KHz, 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
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

	<p>XVR301-08G3:FTP/Event snapshot:8-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported</p> <p>XVR301-16G3:FTP/Event snapshot:16-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported</p>
Network	Description
Incoming Bandwidth	<p>XVR301-04G3:16Mbps (Up to 24Mbps after all analog channel conversion)</p> <p>XVR301-08G3:32Mbps (Up to 40Mbps after all analog channel conversion)</p> <p>XVR301-16G3:40Mbps (up to 56Mbps after all analog channel conversion)</p>
Outgoing Bandwidth	<p>XVR301-04G3:48Mbps</p> <p>XVR301-08G3/XVR301-16G3:64Mbps</p>
Remote Users	128
Protocols	TCP/IP; P2P; UPnP; DHCP; HTTP; HTTPS; DNS; DDNS; SMTP; NTP
Browser(Plugin)	Windows: 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	Ultra Motion Detection(UMD)
Smart Functions by XVR	<p>XVR301-04G3/XVR301-08G3:4-ch(UMD)</p> <p>XVR301-16G3:8-ch(UMD)</p>
Alarm	Description
General Alarm	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 HD D)	XVR301-04G3/XVR301-08G3: ≤ 8W XVR301-16G3: ≤ 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



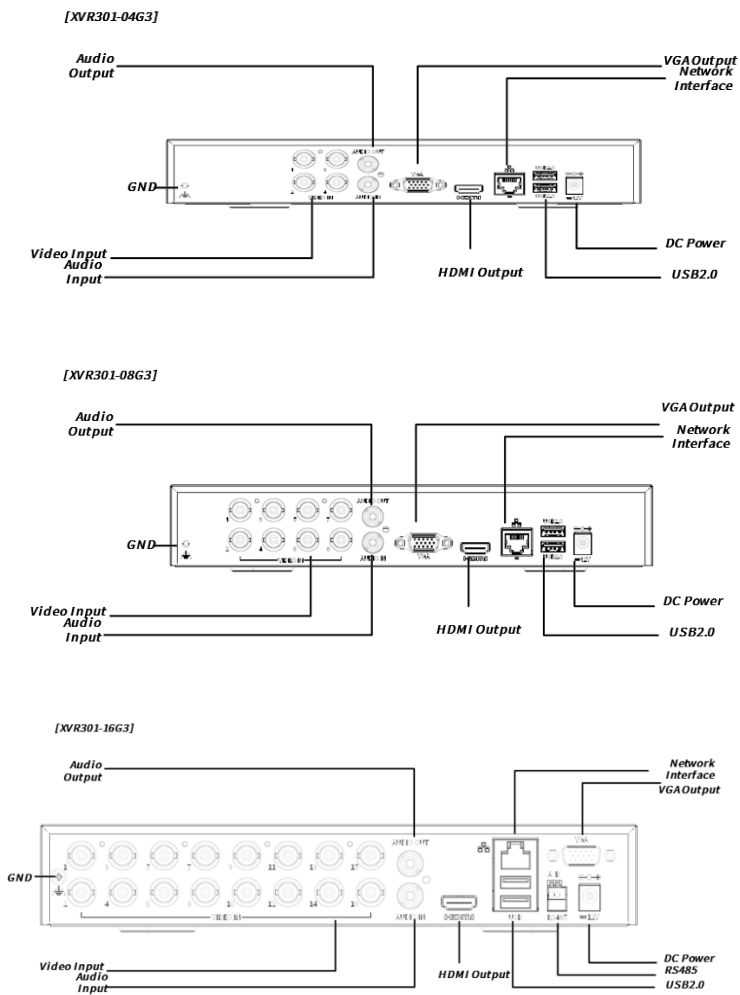
Accessories

RM-1U-260

1 HDD 1U NVR Rack Mount



Rear Panel



Zhejiang Uniview Technologies Co., Ltd.

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

©2023-2024 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

*Product specifications and availability are subject to change without notice.

*Despite our best efforts, technical or typographical errors may exist in this document. Uniview cannot be held responsible for any such errors and reserves the right to change the contents of this document without prior notice.