

## Digital Video Recorder XVR301-G3 Series



H.265

NDAA  
COMPLIANT  
NDAA Compliant

## 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

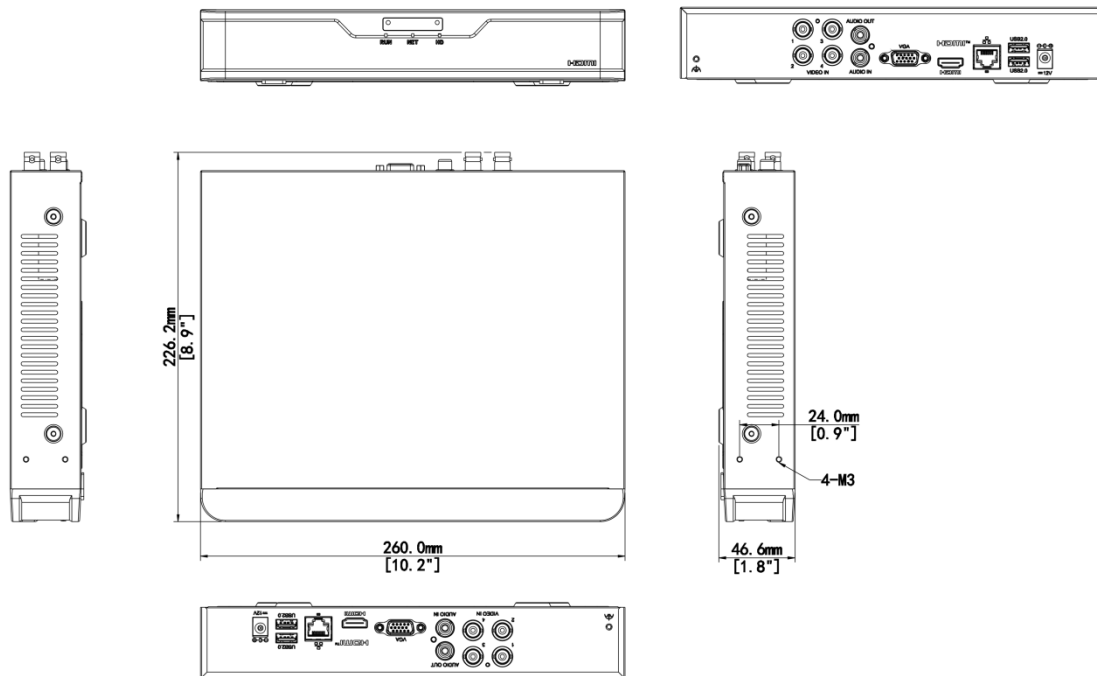
# Specifications

Model	XVR301-04G3	XVR301-08G3	XVR301-16G3
<b>Video/Audio Input</b>			
IP Video Input	2-ch	4-ch	8-ch
Analog Video Input	4-ch, BNC	8-ch, BNC	16-ch, BNC
Max IP Video Input	6-ch	8-ch	16-ch
Supported Analog Camera Types	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	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	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
RCA Audio Input	1-ch		
<b>Video/Audio Output</b>			
HDMI Output	HDMI: 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		
VGA Output	VGA: 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz		
RCA Audio Output	1-ch		
Live View Display	HDMI/VGA: 1/4/6/8/9	HDMI/VGA: 1/4/6/8/9/16	HDMI/VGA: 1/4/6/8/9/25
<b>Encoding/Decoding</b>			
Recording Resolution	5MP Lite/4MP Lite/1080P/720P/D1	5MP Lite/1080P Lite/720P/D1	5MP Lite/1080P Lite/720P/D1
Recording Frame Rate	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	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	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	64 Kbps per channel		
Decoding Capability	Analog: 2 x 5MP Lite@12, 2 x 4MP Lite@15, 2 x 1080P@15 IP: 1 x 4MP@30, 2 x 1080P@30	Analog: 4 x 5MP Lite@6, 4x 1080P Lite @12fps IP: 1 x 4MP@30, 2 x 1080P@30	Analog: 8 x 5MP Lite@6, 8 x 1080P Lite@12 IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30
<b>Two-way Audio</b>			
Two-way Audio	1-ch, RCA (Using the audio input and output)		
<b>Analog Snapshot</b>			
FTP/Schedule/Event Snapshot	FTP/Event snapshot:4-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported	FTP/Event snapshot:8-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported	FTP/Event snapshot:16-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported
<b>Network</b>			
Incoming Bandwidth	16Mbps (Up to 24Mbps after all analog channel conversion)	32Mbps (Up to 40Mbps after all analog channel conversion)	40Mbps (up to 56Mbps after all analog channel conversion)
Outgoing Bandwidth	48Mbps	64Mbps	64Mbps
Remote Users	128		
Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP, NTP		
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+		
<b>Smart</b>			
Analog Smart by XVR	Ultra Motion Detection (UMD)		
Smart Functions by XVR	4-ch (UMD)	4-ch (UMD)	8-ch (UMD)
<b>Alarm</b>			
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		
<b>GUI Language</b>			
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		
<b>Hard Disk</b>			
SATA	1 SATA interface		
Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)		
<b>External Interface</b>			
Network Interface	1 RJ45 10 M/100 M self-adaptive Ethernet Interface		
USB	Rear panel: 2 x USB2.0		
RS485	N/A	N/A	1
Power Supply	DC 12 V/2 A		
<b>Working Environment</b>			
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F )		
Working Humidity	≤ 90% RH (non-condensing)		

Power Consumption (without HDD)	≤ 8W	≤ 8W	≤ 10W
Dimensions			
Weight (without HDD)	≤0.9Kg ( 1.98lb )	≤1.1 Kg ( 2.42lb )	≤1.1 Kg ( 2.42lb )
Dimensions	260mm ×226mm× 47mm (10.2" × 8.9"×1.8")		
Certification			
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



# Unlimited New View

浙江宇视科技有限公司



<http://www.uniview.com>



[overseasbusiness@uniview.com](mailto:overseasbusiness@uniview.com); [globalsupport@uniview.com](mailto:globalsupport@uniview.com)



South Tower, Building 10, Wanlun Science Park, 88 Jiangling Road, Hangzhou, P.R.China



©2023-2025 Zhejiang Uniview Technologies Co., Ltd. All rights reserved.

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

虽然我司试图在本资料中提供准确的信息，但不保证资料的内容不含有技术性误差或印刷性错误，为此我司对本资料中的不准确不承担任何责任。我司保留在没有通知或提示的情况下对本资料的内容进行修改的权利。