

Digital Video Recorder XVR301-Q3 Series



Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable(only for TVI cameras)
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 4/8-channel BNC input
- Support 1-ch CVBS output, 1-ch VGA output, 1-ch HDMI output at up to 4K(3840 x 2160)
- HDMI and VGA simultaneous output
- Long transmission distance over coaxial cable
- Support mainstream cameras of ONVIF and RTSP protocols

Specifications

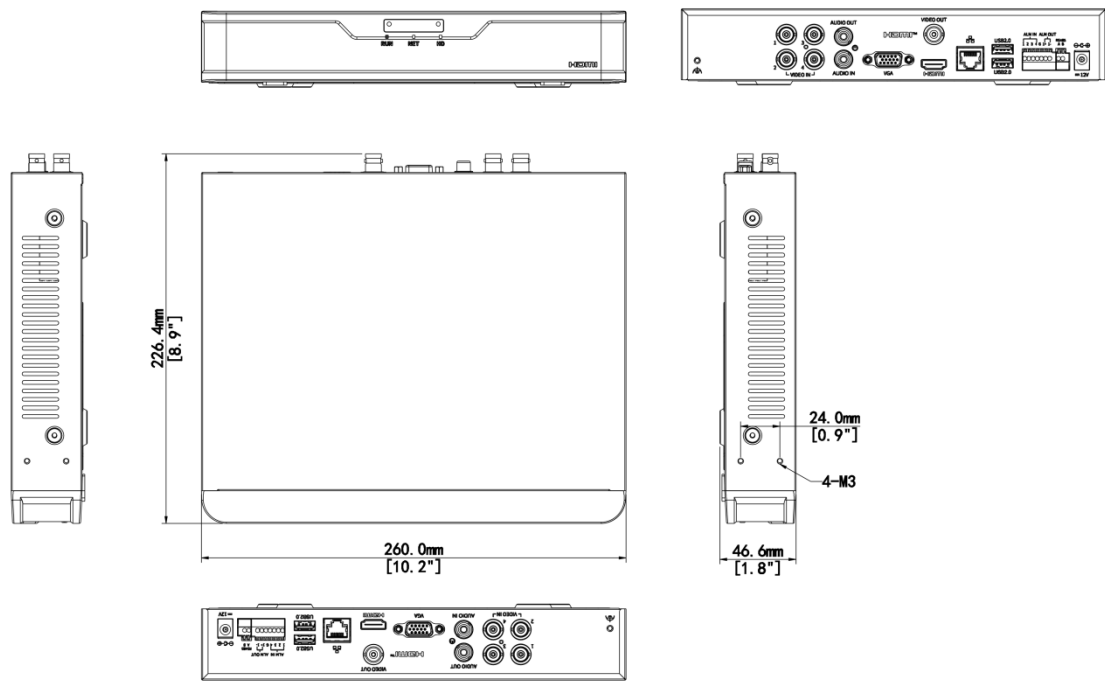
Model	XVR301-04Q3	XVR301-08Q3
Video/Audio Input		
IP Video Input	2-ch	4-ch
Analog Video Input	4-ch, BNC	8-ch, BNC
Max IP Video Input	6-ch	12-ch
Supported Analog Camera Types	Support AHD input: 8MP@15fps5MP@20fps4MP@30fps1080P@30fps720P@30fpsSupport TVI input: 8MP@15fps3K@20fps5MP@20fps4MP@30fps1080P@30fps720P@30fpsSupport CVI input: 8MP@15fps5MP@25fps4MP@30fps1080P@30fps720P@30fpsSupport CVBS input	Support AHD input: 8MP@15fps5MP@20fps4MP@30fps1080P@30fps720P@30fpsSupport TVI input: 8MP@15fps3K@20fps5MP@20fps4MP@30fps1080P@30fps720P@30fpsSupport CVI input: 8MP@15fps5MP@25fps4MP@30fps1080P@30fps720P@30fpsSupport CVBS input

BNC Audio Input	4-ch, channel audio	8-ch, channel audio
RCA Audio Input	1-ch	
Video/Audio Output		
HDMI Output	HDMI: 4K (3840 × 2160)/30 Hz, 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	
BNC Video Output	1-ch	
RCA Audio Output	1-ch	
Live View Display	HDMI/VGA: 1/4/6/8/9	HDMI/VGA: 1/4/6/8/9/16
Encoding/Decoding		
Recording Resolution	8MP Lite/5MP Lite/4MP Lite/1080P/720P/D1	
Recording Frame Rate	Main stream: 8MP Lite@8fps Sub stream: D1@8fpsMain stream: 3K Lite@12fps Sub stream: D1@12fpsMain stream: 5MP Lite@12fps Sub stream: D1@12fpsMain stream: 4MP Lite@15fps Sub stream: D1@15fpsMain stream: 1080P@15fps Sub stream: D1@15fpsMain stream: 720P@30fps Sub stream: D1@30fps	
Audio Sample Rate	8 kHz, 16 bit per channel	
Audio Bit Rate	64 Kbps per channel	
Decoding Capability	Analog: 4 x 8MP Lite@8, 4 x 3K Lite@12, 4x 5MP Lite@12, 4x 4MP Lite@15, 4 x 1080P@15IP: 1 x 4MP@30, 2 x 1080P@30	Analog: 8 x 8MP Lite@8, 8 x 3K Lite@12, 8 x 5MP Lite@12, 8 x 4MP Lite@15, 8 x 1080P@15IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30
Two-way Audio		
Two-way Audio	1-ch, RCA (Using the audio input and output)	
Analog Snapshot		
FTP/Schedule/Event Snapshot	Schedule/FTP/Event snapshot:4-ch snapshot, up to 704*576 resolution	Schedule/FTP/Event snapshot:8-ch snapshot, up to 704*576 resolution
Network		
Incoming Bandwidth	40Mbps (Up to 48Mbps after all analog channel conversion)	40Mbps (Up to 56Mbps after all analog channel conversion)
Outgoing Bandwidth	48Mbps	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+	
Smart		
Analog Smart by XVR	Ultra Motion Detection (UMD) , SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Face Detection	
IP Smart by IPC	Face Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Defocus Detection, Scene Change Detection, Object Removed, Object Left Behind, Auto Tracking	
VCA Search	Face Search, Behavior Search	
Smart Functions by XVR	4-ch (UMD) 2-ch (SIP)	8-ch (UMD) 2-ch (SIP)
Smart Functions by IP Camera	2-ch (SIP)	
Alarm		

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	
GUI Language	38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, Korean, Japanese, Latvian, Lithuanian, Persian
Hard Disk	
SATA	1 SATA interface
Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)
External Interface	
Network Interface	1 RJ45 10 M/100 M self-adaptive Ethernet Interface
USB	Rear panel: 2 × USB2.0
RS485	1
Alarm In	4-ch
Alarm Out	1-ch
Power Supply	DC 12 V/2 A
Working Environment	
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 10W
Dimensions	
Weight (without HDD)	≤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

Aggregate product size diagram using XVR301-04Q3 as an example



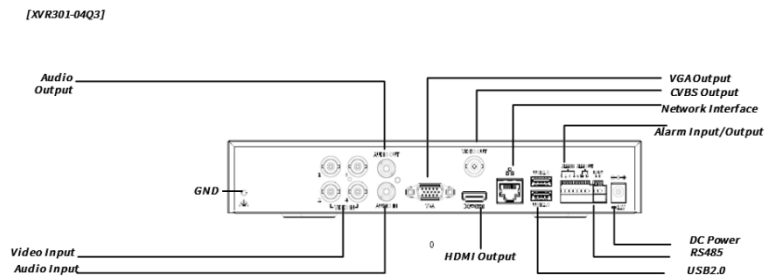
Accessories

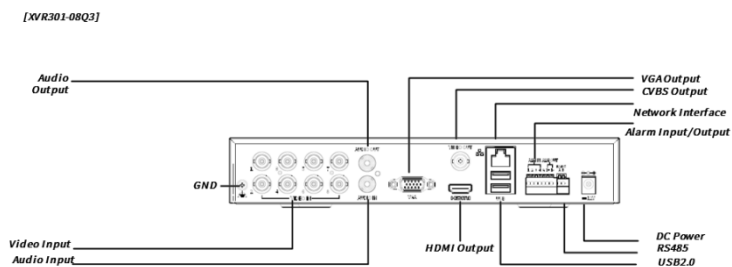
RM-1U-260

1 HDD 1U NVR Rack Mount



Rear Panel





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