

# Digital Video Recorder

XVR301-08U3



## Features

- Support Ultra 265/H.265/H.264 video formats
- Support audio over coaxial cable(TVI cameras)
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 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

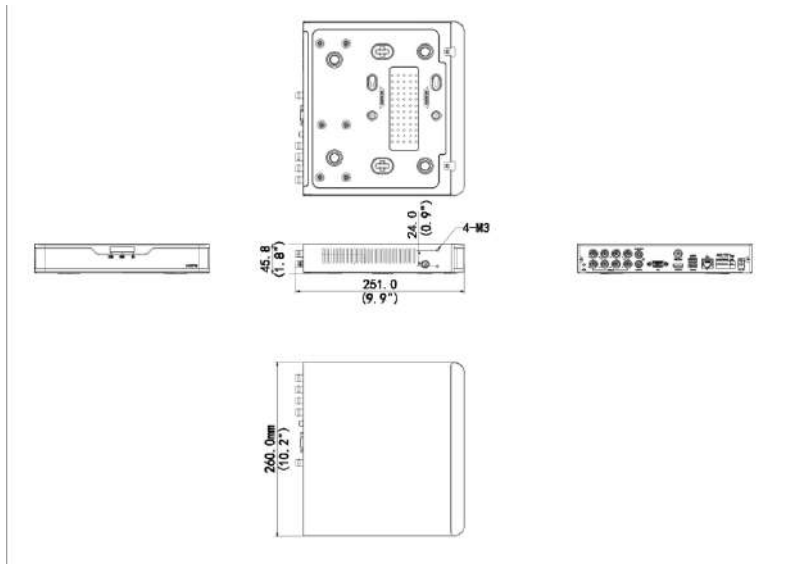
Video/Audio Input	Description
IP Video Input	8-ch
Analog Video Input	8-ch, BNC
Max IP Video Input	16-ch
Supported Analog Camera Types	Support AHD input: 8MP@15fps 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support TVI input: 8MP@15fps

	5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support CVI input: 8MP@15fps 5MP@25fps 4MP@30fps 1080P@30fps 720P@30fps Support CVBS input
BNC Audio Input	8-ch, channel audio
RCA Audio Input	1-ch
<b>Video/Audio Output</b>	<b>Description</b>
HDMI Output	HDMI:4K(3840x2160)/30Hz, 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
BNC Video Output	1-ch
RCA Audio Output	1-ch
Live View Display	HDMI/VGA: 1/4/6/8/9/16
Playback Screen	1/4/9/16
<b>Encoding/Decoding</b>	<b>Description</b>
Recording Resolution	8MP/5MP/4MP/1080P/720P/D1
Recording Frame Rate	Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps
Audio Sample Rate	8KHz, 16 bit per channel
Audio Bit Rate	64Kbps per channel
Decoding Capability	Analog: 8 x 8MP @8, 8 x 5MP @12, 8 x 4MP @15, 8 x 1080P@25, 8 x 720@30 IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
Num of Concurrent Playback in Local	16-ch
<b>Coaxial Cable</b>	<b>Description</b>
Audio over Coaxial Cable(Form)	8-ch, One-way Audio(TVI)
<b>Two-way Audio</b>	<b>Description</b>
Two-way Audio	1-ch, RCA(Using the audio input and output)
<b>Analog Snapshot</b>	<b>Description</b>
FTP/Schedule/Event Snapshot	Schedule/FTP/Event snapshot:8-ch snapshot, up to 704*576 resolution
<b>Network</b>	<b>Description</b>
Incoming Bandwidth	80Mbps (Up to 96 Mbps after all analog channel conversion)

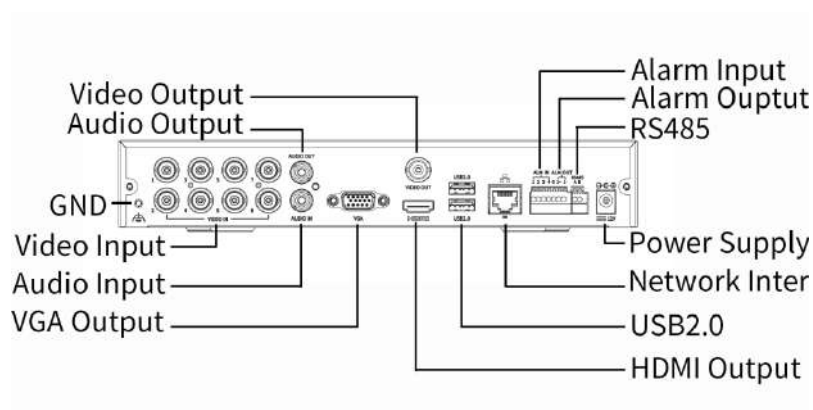
Outgoing Bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP; P2P; UPnP; DHCP; HTTP; HTTPS; DNS; DDNS; SMTP
Browser(Plugin)	Windows: IE (IE10/ 11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above)
<b>Smart</b>	<b>Description</b>
Analog Smart by XVR	SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area); Ultra Motion Detection(UMD)
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	8-ch(UMD); 4-ch(SIP)
Smart Functions by IP Camera	4-ch(SIP)
<b>Alarm</b>	<b>Description</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>	<b>Description</b>
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
<b>Hard Disk</b>	<b>Description</b>
SATA	1 SATA interface
Capacity	Up to 16TB for each HDD(The maximum HDD capacity varies with environment temperature)
<b>External Interface</b>	<b>Description</b>
Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB	Rear panel: 1 x USB2.0, 1 x USB3.0
RS485	1
RS232	N/A
Alarm In	4-ch
Alarm Out	1-ch
Power Supply	DC 12V/2A
<b>Working Environment</b>	<b>Description</b>
Working Temperature	-10 °C ~ 55 °C (14 °F ~ 131 °F )
Working Humidity	≤ 90% RH(non-condensing)
Power Consumption (without HD D)	≤ 12W
<b>Dimensions</b>	<b>Description</b>
Weight (without HDD)	≤ 1.2 Kg ( 2.65lb )
Dimensions	260mm × 251mm × 46mm (10.2" × 9.9" × 1.8")

Certification	Description
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2
FCC	Part15 Subpart B

## Dimensions



## Rear Panel



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