POC Digital Video Recorder

XVR301-04U3-P4

Features

- Support Ultra 265/H.265/H.264 video formats

- Support audio over coaxial cable(TVI cameras)

- Support power over the coaxial cable with UNV PoC camera

- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access

- 4-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
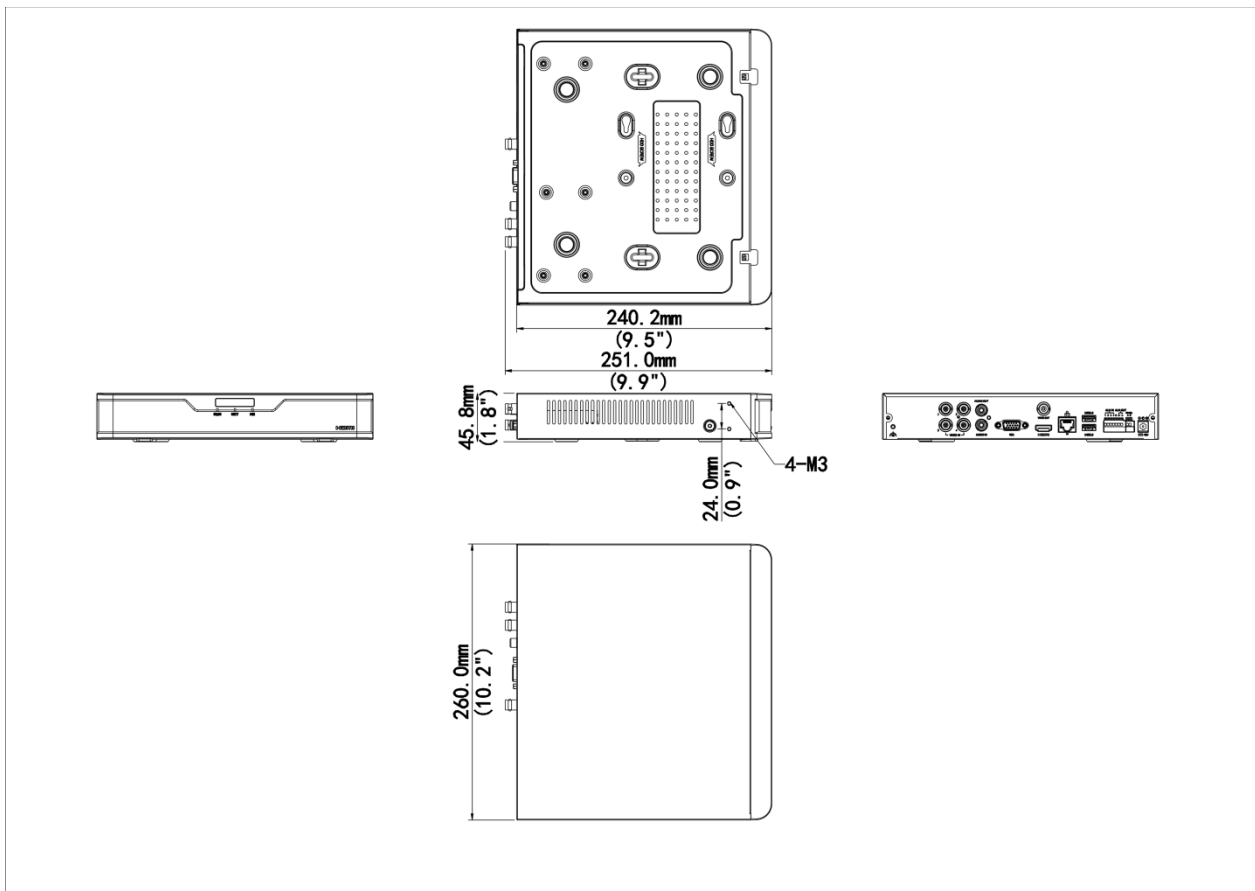
Specifications

Model	XVR301-04U3-P4
Video/Audio Input	
IP Video Input	4-ch
Analog Video Input	4-ch, BNC
Max IP Video Input	8-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	4-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
Default Num of Live Screen	VGA: 4; HDMI: 4
Encoding/Decoding	
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	8 kHz, 16 bit per channel
Audio Bit Rate	64 Kbps per channel
Decoding Capability	Analog: 4 x 8MP @8, 4 x 5MP @12, 4 x 4MP @15, 4 x 1080P@25, 4 x 720@30
	IP: 1 x 8MP@30, 1 x 5MP@30, 2 x 4MP@30, 4 x 1080P@30, 8 x 720P@30
Num of Concurrent Playback in Local	8-ch
Coaxial Cable	
Audio over Coaxial Cable(Form)	4-ch, One-way Audio(TVI)
Two-way Audio	
Two-way Audio	1-ch, RCA (Using the audio input and output)
Network	
Incoming Bandwidth	40Mbps (Up to 48 Mbps after all analog channel conversion)
Outgoing Bandwidth	64Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP
Smart	
Analog Smart by XVR	SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Face Detection, 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	4-ch (UMD), 2-ch (SIP), 1-ch (Face Detection)
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
RS232	N/A
Alarm In	4-ch
Alarm Out	1-ch
Power Supply	DC 48 V/1.35 A

Working Environment	
Working Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 15W

Dimensions	
Weight (without HDD)	≤1.1 Kg (2.42lb)
Dimensions	260mm ×251mm× 46mm (10.2" × 9.9"×1.8")

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

Dimensions

Accessories

RM-1U-260

1 HDD 1U NVR Rack Mount

Rear Panel

Video Output
Audio Output

Video Input
Audio Input
VGA Output

Alarm Input
Alarm Output
RS485

Power Supply
USB2.0
Network Interface
HDMI Output
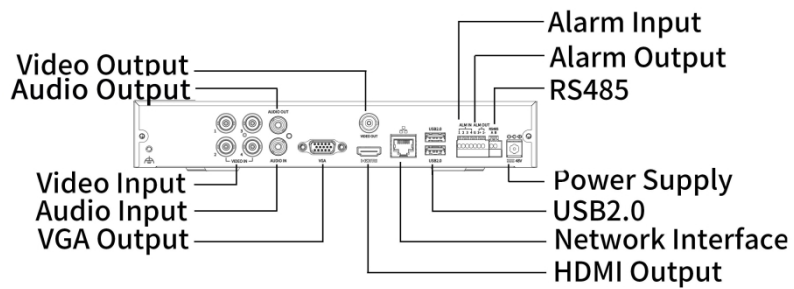
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