

Digital Video Recorder

XVR301-04/08U3



Features

- Support Ultra 265/H.265/H.264 video formats
- Support audio over coaxial cable (TVI cameras)
- Ocontrol the dual-light of UNV analog cameras under TVI
- 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	XVR301-04U3	XVR301-08U3		
Video/Audio Input				
IP Video Input	4-ch	8-ch		
Analog Video Input	4-ch, BNC	8-ch, BNC		
Max IP Video Input	8-ch	16-ch		

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Support AHD Input:	UIIV		Britistie		
SMP@20[ps AMP@30[ps 1080P@30[ps 1080		Support AHD input:			
AMP@30fps 1080P@30fps 720P@30fps Support TV Input: 8MP@20fps Support TV Input: 8MP@20fps SMP@20fps SMP@20fps SMP@20fps SMP@20fps SMP@20fps SMP@20fps SMP@20fps SMP@20fps SMP@30fps SMP&30fps S		8MP@15fps			
1080P@30fps 720P@30fps Support TVI input: 8MP@15fps 5MP@20fps 5MP&20fps 5MP&20		5MP@20fps			
T20P@30fps		4MP@30fps			
Supported Analog Camera Types 8MP@15fps 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps 5MP@25fps 4MP@30fps 1080P@30fps 5MP@25fps 4MP@30fps 1080P@30fps 5MP@25fps 4MP@30fps 1080P@30fps 5MP@25fps 4MP@30fps 1080P@30fps 1080P@		1080P@30fps			
Supported Analog Camera Types ###@30fps 1080P@30fps 1080P@30fps Support CVI input: ###@30fps 1080P@30fps Support CVI input: ###@30fps 1080P@30fps Support CVI input: ####@30fps 1080P@30fps Support CVI input: ####################################		720P@30fps			
Supported Analog Camera Types AMP@30fps		Support TVI input:			
Supported Analog Camera Types 4MP@30fps 1080P@30fps 5Upport CVI input: 8MP@15fps 5MP@25fps 4MP@30fps 1080P@30fps 1080P@30fps 1080P@30fps 1080P@30fps 1080P@30fps 1080P@30fps 1080P@30fps 5Upport CVBS input BNC Audio Input 4-ch, channel audio 8-ch, channel audio RCA Audio Input 4-ch, channel audio 4-ch, channel audio 4-ch, channel audio 8-ch, channel audio RCA Audio Input 4-Ch Audio Input 4-Ch Audio Input 4-Ch Audio Input 4-Ch Audio Input 4-Ch Audio Input 4-Ch Audio Input 4-Ch Audio Input 4-Ch Input		8MP@15fps			
Camera Types AMP@30fps 1080P@30fps 5upport CVI input: 8MP@15fps 5MP@25fps 4MP@30fps 1080P@30fps 1200P@30fps 1200P	Commented Availan	5MP@20fps			
1080P@30fps 720P@30fps Support CV input: 8MP@15fps 5MP@25fps 4MP@30fps 1080P@30fps 1080P30P30P30P30P30P30P30P30P30P30P30P30P30		4MP@30fps			
Support CVI input: 8MP@15fps 5MP@25fps 4MP@30fps 1080P@30fps 1080P@30fps 770P@30fps 5MP@25fps 4MP@30fps 1080P@30fps 770P@30fps 5MP@25fps 5MP&25fps 5	Camera Types	1080P@30fps			
SMP@15fps 5MP@25fps 4MP@30fps 1080P@30fps 1080P@30fps 720P@30fps 720P		720P@30fps			
SMP@25fps 4MP@30fps 1080P@30fps 720P@30fps 720P		Support CVI input:			
### AMP@30fps 1080P@30fps 720P@30fps 520P@30fps 5		8MP@15fps			
1080P@30fps 720P@30fps Support CVBS input		5MP@25fps			
T20P@30fps Support CVBS input		4MP@30fps			
Support CVBS input		1080P@30fps			
BNC Audio Input		720P@30fps			
Name		Support CVBS input			
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 Playback Screen 1/4 1/4/9/16 Encoding/Decoding 8MP/5MP/4MP/1080P/720P/D1 Resolution Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Main stream: 4MP@15fps Sub stream: D1@25fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Main stream: T20P@30fps Sub stream: D1@30fps	BNC Audio Input	4-ch, channel audio	8-ch, channel audio		
HDMI Output	RCA Audio Input	1-ch			
HDMI Output	Video/Audio Output				
\times \times \tau \tau \tau \tau \tau \tau \tau \tau	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		
WGA Output 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 Playback Screen 1/4 1/4/9/16 Encoding/Decoding Recording Resolution Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Main stream: 4MP@15fps Sub stream: D1@25fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: T20P@30fps Sub stream: D1@30fps	Помгоиграс	× 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 Playback Screen 1/4 1/4/9/16 Encoding/Decoding Recording Resolution Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Rate Sub stream: 1080P@25fps Main stream: 720P@30fps Sub stream: 720P@30fps Sub stream: D1@30fps	VCA Output	VGA: 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200	/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 ×		
RCA Audio Output Live View Display HDMI/VGA: 1/4/6/8/9 Playback Screen 1/4 Indextraction Playback Screen 1/4 Indextraction Playback Screen 1/4 Indextraction Recording Recording Resolution Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Rate Rate Rate Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	voa Output	768/60 Hz			
Live View Display HDMI/VGA: 1/4/6/8/9 HDMI/VGA: 1/4/6/8/9/16 Playback Screen 1/4 1/4/9/16 Encoding/Decoding Recording Resolution 8MP/5MP/4MP/1080P/720P/D1 Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Sub stream: D1@12fps Recording Frame Rate Main stream: 4MP@15fps Sub stream: D1@25fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	BNC Video Output	1-ch			
Playback Screen 1/4 1/4/9/16 Encoding/Decoding Recording Resolution 8MP/5MP/4MP/1080P/720P/D1 Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Rate Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	RCA Audio Output	1-ch			
Recording Resolution 8MP/5MP/4MP/1080P/720P/D1 Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Rate Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	Live View Display	HDMI/VGA: 1/4/6/8/9	HDMI/VGA: 1/4/6/8/9/16		
Recording Resolution Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Rate Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	Playback Screen	1/4	1/4/9/16		
Resolution Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Rate Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	Encoding/Decoding				
Resolution Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Rate Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Sub stream: 720P@30fps Sub stream: D1@30fps	Recording	OMD/EMD/AMD/1000D/720D/D1			
Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Main stream: 4MP@15fps Rate Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	Resolution	8MP/3MP/4MP/1080P/120P/D1			
Main stream: 5MP@12fps Sub stream: D1@12fps Recording Frame Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps		Main stream: 8MP@8fps			
Sub stream: D1@12fps Recording Frame Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps		Sub stream: D1@8fps			
Recording Frame Rate Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps		Main stream: 5MP@12fps			
Rate Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps		Sub stream: D1@12fps			
Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	Recording Frame	Main stream: 4MP@15fps			
Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	Rate				
Main stream: 720P@30fps Sub stream: D1@30fps		Main stream: 1080P@25fps			
Sub stream: D1@30fps		Sub stream: D1@25fps			
		Main stream: 720P@30fps			
Audio Sample Rate 8 kHz, 16 bit per channel		Sub stream: D1@30fps			
	Audio Sample Rate	8 kHz, 16 bit per channel			



DATASHEET

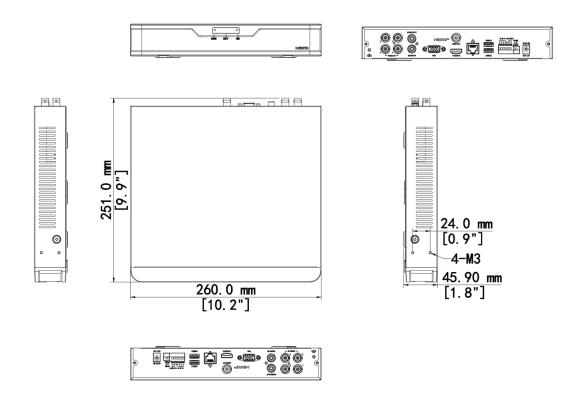
Audio Bit Rate	64 Kbps per channel				
	Analog: 4 x 8MP @8, 4 x 5MP @12, 4 x 4MP @15, 4 x	Analog: 8 x 8MP @8, 8 x 5MP @12, 8 x 4MP @15, 8 x			
Decoding	1080P@25,4 x 720@30	1080P@25, 8 x 720@30			
Capability	IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30, 8 x	IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x			
	720P@30	720P@30			
Num of					
Concurrent	8-ch	16-ch			
Playback in Local					
Coaxial Cable					
Audio over Coaxial	4-ch, One-way Audio(TVI)	8-ch, One-way Audio(TVI)			
Cable(Form)	4-cn; One-way Audio(1VI)	8-Cii, Olie-way Audio(171)			
Two-way Audio					
Two-way Audio	1-ch, RCA (Using the audio input and output)				
Analog Snapshot					
FTP/Schedule/Eve	Schedule/FTP/Event snapshot:4-ch snapshot, up to	Schedule/FTP/Event snapshot:8-ch snapshot, up to			
nt Snapshot	704*576 resolution	704*576 resolution			
Network					
Incoming	40Mbps (Up to 48Mbps after all analog channel	80Mbps (Up to 96 Mbps after all analog channel			
Bandwidth	conversion)	conversion)			
Outgoing	64Mbps	160Mbps			
Bandwidth	64Mbps	160Mbps			
Remote Users	128				
Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP				
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+				
Smart					
Analog Smart by	Ultra Motion Detection (UMD) SIP (Intrusion	Ultra Motion Detection (UMD) SIP (Intrusion			
XVR	Detection, Cross Line Detection, Enter Area, Leave	Detection, Cross Line Detection, Enter Area, Leave			
AVIC	Area) Face Detection	Area)			
IP Smart by IPC	Face Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Defocus Detection,				
ii Sinareby ii C	Scene Change Detection, Object Removed, Object Left Behind, Auto Tracking				
VCA Search	Face Search, Behavior Search				
Smart Functions	4-ch (UMD) 2-ch (SIP) 1-ch (Face Detection)	8-ch (UMD) 4-ch (SIP)			
by XVR	. S. (S. IS) E CH (SI) I CH (I dee Becellon)	3 5 (55) 1 5 (5)			
Smart Functions	2-ch (SIP)	4-ch (SIP)			
by IP Camera	- CI (OII)				
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					

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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	1 RJ45 10 M/100 M/1000 I Interface	M self-adaptive Ethernet
USB	Rear panel: 2 × USB2.0	Rear panel: 1 × USB2.0, 1	× USB3.0
RS485	1		
RS232	N/A		
Alarm In	4-ch		
Alarm Out	1-ch		
Power Supply	DC 12 V/2 A		
Working Environme	nt		
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)		
Working Humidity	≤ 90% RH (non-condensing)		
Power Consumption (without HDD)	≤ 10W	≤ 12W	
Dimensions			
Weight (without HDD)	≤1.1 Kg (2.42lb)	≤1.2 Kg (2.65lb)	
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

Aggregate product size diagram using XVR301-04U3 as an example





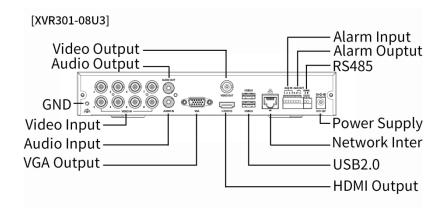
Accessories

RM-1U-260 1 HDD 1U NVR Rack Mount

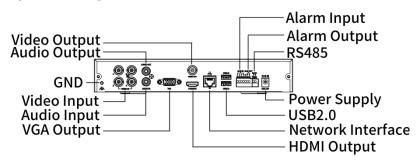




Rear Panel



[XVR301-04U3]



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