Digital Video Recorder
XVR301-F Series

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 analog camera upgrade over coaxial cable
- 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
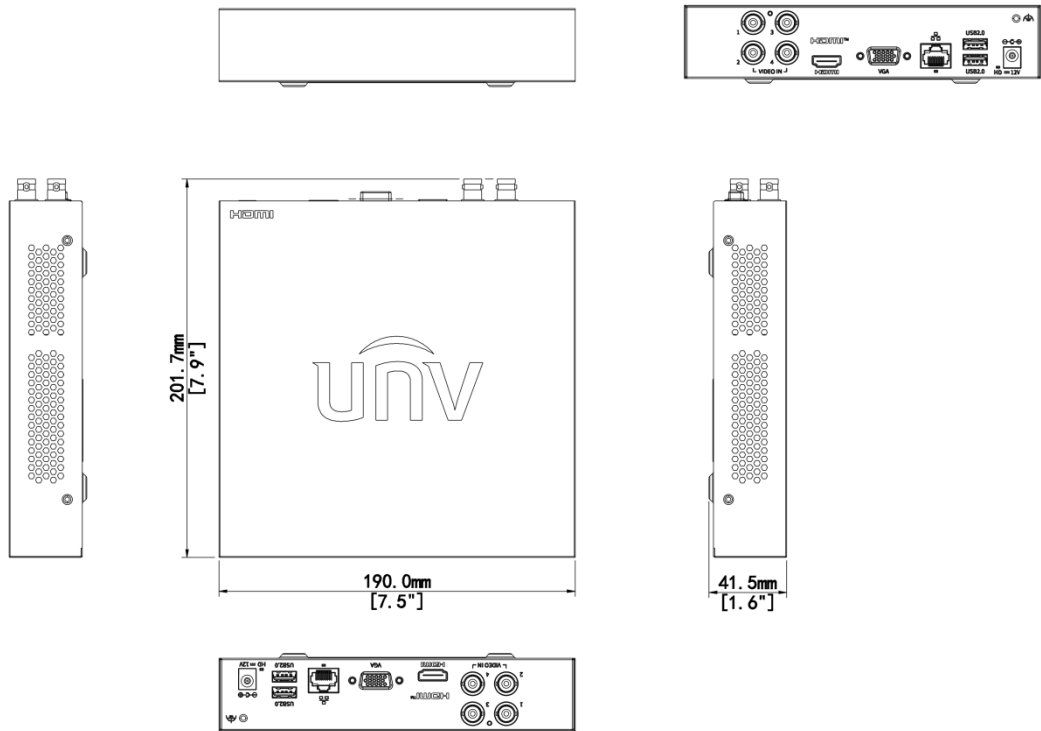- Support mainstream cameras of ONVIF and RTSP protocols

Specifications

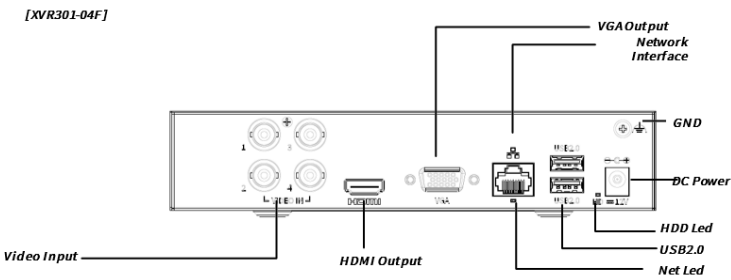| Model	XVR301-04F	XVR301-08F	XVR301-16F
Video/Audio Input			
IP Video Input	2-ch		
Analog Video Input	4-ch, BNC	8-ch, BNC	16-ch, BNC
Max IP Video Input	6-ch	10-ch	18-ch
Supported Analog Camera Types	Support AHD input: 1080P@30fps 720P@30fps Support TVI input: 1080P@30fps 720P@30fps Support CVI input: 1080P@30fps 720P@30fps Support CVBS input		
Video/Audio Output			
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		
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
Encoding/Decoding			
Recording Resolution	1080P Lite/720P/D1		
Recording Frame Rate	Main stream: 1080P Lite@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps	Main stream: 1080P Lite@15fps Sub stream: D1@12fps Main stream: 720P@15fps Sub stream: D1@15fps	Main stream: 1080P Lite@12fps Sub stream: D1@12fps Main stream: 720P@15fps Sub stream: D1@15fps
Audio Sample Rate	8 kHz, 16 bit per channel		
Audio Bit Rate	64 Kbps per channel		
Decoding Capability	Analog:4 x 1080P Lite@25, 4 x 720P@30 IP: 1 x 6MP@20, 2 x 1080P@30	Analog:8x 1080P Lite @15, 8x 720P @15 IP: 1 x 6MP@20, 2 x 1080P@30	Analog:16x 1080P Lite@12, 16x 720P@15 IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30, 8 x 720P@30,16 x D1@30
Two-way Audio			
Two-way Audio	N/A		
Analog Snapshot			
FTP/Schedule/Event Snapshot	FTP/Event snapshot:4-ch snapshot, up to 704*576 resolution,	FTP/Event snapshot:8-ch snapshot, up to 704*576 resolution,	FTP/Event snapshot:16-ch snapshot, up to 704*576 resolution,

	Schedule snapshot:not supported	Schedule snapshot:not supported	Schedule snapshot:not supported
Network			
Incoming Bandwidth	24Mbps (Up to 32Mbps after all analog channel conversion)	24Mbps (Up to 40Mbps after all analog channel conversion)	24Mbps (Up to 56Mbps after all analog channel conversion)
Outgoing Bandwidth	48Mbps	64Mbps	64Mbps
Remote Users	128		
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP		
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+		
Smart			
Analog Smart by XVR	Ultra Motion Detection (UMD)		
VCA Search	Behavior Search		
Smart Functions by XVR	4-ch (UMD)	8-ch (UMD)	8-ch (UMD)
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	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		
Hard Disk			
SATA	1 SATA interface		
Capacity	Up to 6 TB for each HDD		
External Interface			
Network Interface	1 RJ45 10 M/100 M self-adaptive Ethernet Interface		
USB	Rear panel: 2 × USB2.0		
Power Supply	DC 12 V/1.5 A		
Working Environment			
Working Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)		
Working Humidity	≤ 90% RH (non-condensing)		
Power Consumption (without HDD)	≤ 10W		
Dimensions			
Weight (without HDD)	≤0.6 Kg (1.32lb)	≤0.6 Kg (1.32lb)	≤0.85 Kg (1.87lb)
Dimensions	190mm × 202mm × 42mm (7.5" × 7.9" × 1.6")	190mm × 202mm × 42mm (7.5" × 7.9" × 1.6")	253mm × 212mm × 42mm (10.0" × 8.4" × 1.7")
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 XVR301-04F as an example

Rear Panel

[XVR301-04F]

VGA Output
Network Interface
GND
DC Power
HDD Led
USB2.0
Net Led
Video Input
HDMI Output

[XVR301-08F]

VGA Output
Network Interface
GND
DC Power
HDD Led
Net Led
USB2.0

Video Input

HDMI Output

[XVR301-16F]

VGA Output
Network Interface
GND
DC Power
HDD Led
Net Led
USB2.0

Video Input

HDMI Output
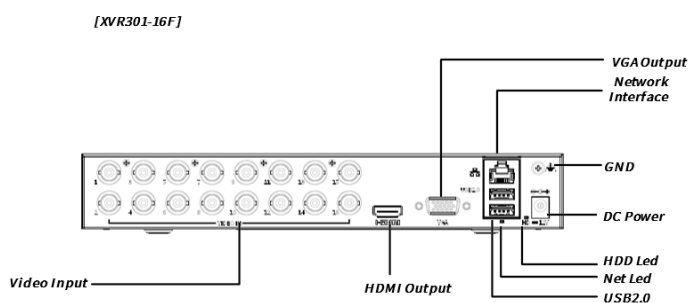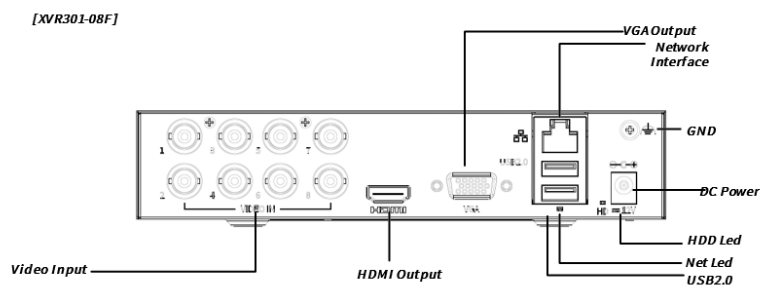
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