

# Digital Video Recorder

## XVR301-F Series



### Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable(only for TVI cameras)
- 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

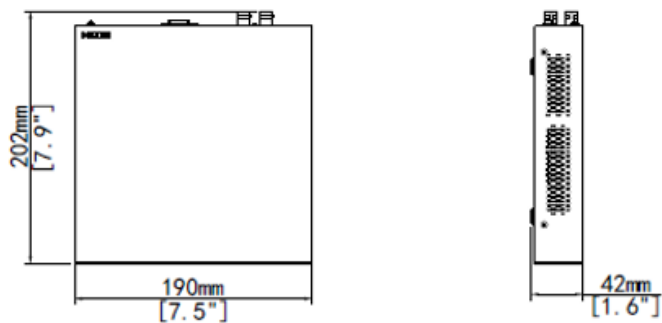
Video/Audio Input	Description
IP Video Input	2-ch
Analog Video Input	XVR301-04F:4-ch, BNC XVR301-16F:16-ch, BNC XVR301-08F:8-ch, BNC
Max IP Video Input	XVR301-04F:6-ch XVR301-16F:18-ch XVR301-08F:10-ch

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
<b>Video/Audio Output</b>	<b>Description</b>
HDMI Output	HDMI:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Live View Display	XVR301-04F:HDMI/VGA: 1/4/6/8/9 XVR301-16F:HDMI/VGA: 1/4/6/8/9/25 XVR301-08F:HDMI/VGA: 1/4/6/8/9/16
<b>Encoding/Decoding</b>	<b>Description</b>
Recording Resolution	1080P Lite/720P/D1
Recording Frame Rate	XVR301-04F:Main stream: 1080P Lite@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps XVR301-16F:Main stream: 1080P Lite@12fps Sub stream: D1@12fps Main stream: 720P@15fps Sub stream: D1@15fps XVR301-08F:Main stream: 1080P Lite@15fps Sub stream: D1@12fps Main stream: 720P@15fps Sub stream: D1@15fps
Audio Sample Rate	8KHz,16 bit per channel
Audio Bit Rate	64Kbps per channel
Decoding Capability	XVR301-04F:Analog:4 x 1080P Lite@25, 4 x 720P@30 IP: 1 x 6MP@20, 2 x 1080P@30 XVR301-16F: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 XVR301-08F:Analog:8x 1080P Lite @15, 8x 720P @15 IP: 1 x 6MP@20, 2 x 1080P@30
<b>Two-way Audio</b>	<b>Description</b>
Two-way Audio	NA
<b>Analog Snapshot</b>	<b>Description</b>
FTP/Schedule/Event Snapshot	XVR301-04F:FTP/Event snapshot:4-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported XVR301-16F:FTP/Event snapshot:16-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported XVR301-08F:FTP/Event snapshot:8-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported
<b>Network</b>	<b>Description</b>
Incoming Bandwidth	XVR301-04F:24Mbps (Up to 32Mbps after all analog channel conversion) XVR301-16F:24Mbps (Up to 56Mbps after all analog channel conversion) XVR301-08F:24Mbps (Up to 40Mbps after all analog channel conversion)
Outgoing Bandwidth	XVR301-04F:48Mbps

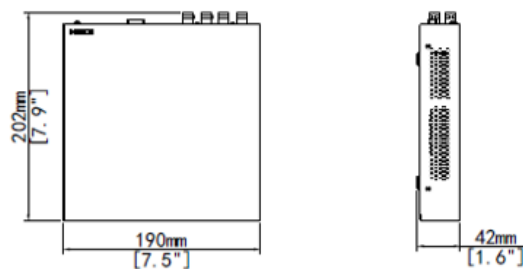
	XVR301-16F/XVR301-08F:64Mbps
Remote Users	128
Protocols	TCP/IP;P2P;UPnP;NTP;DHCP;HTTP;HTTPS;DNS;DDNS;SMTP
Browser(Plugin)	IE(IE10/11) Firefox (version 52.0 and above) Chrome(version 45 and above) Edge(version 79 and above)
<b>Smart</b>	<b>Description</b>
Analog Smart by XVR	Ultra Motion Detection(UMD)
VCA Search	Behavior Search
Smart Functions by XVR	XVR301-04F:4-ch(UMD) XVR301-16F/XVR301-08F:8-ch(UMD)
<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>Hard Disk</b>	<b>Description</b>
SATA	1 SATA interface
Capacity	Up to 6TB for each HDD
<b>External Interface</b>	<b>Description</b>
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB	Rear panel: 2 x USB2.0
Power Supply	DC 12V/1.5A
<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)	≤ 10W
<b>Dimensions</b>	<b>Description</b>
Weight (without HDD)	XVR301-04F/XVR301-08F:≤0.6 Kg ( 1.32lb ) XVR301-16F:≤0.85 Kg ( 1.87lb )
Dimensions	XVR301-04F/XVR301-08F:190mm × 202mm × 42mm (7.5" × 7.9" × 1.6") XVR301-16F:253mm × 212mm × 42mm (10.0" × 8.4" × 1.7")
<b>Certification</b>	<b>Description</b>
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

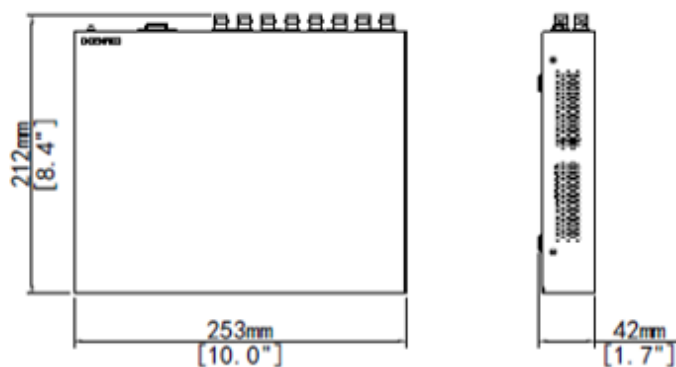
[XVR301-04F]



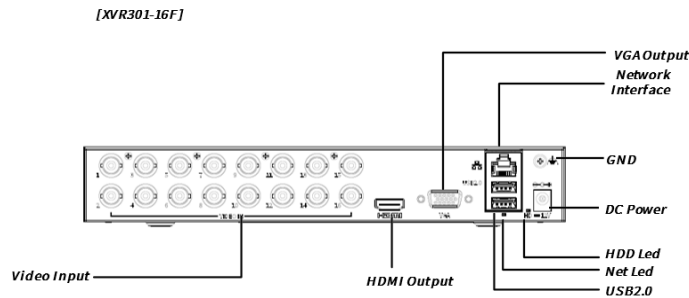
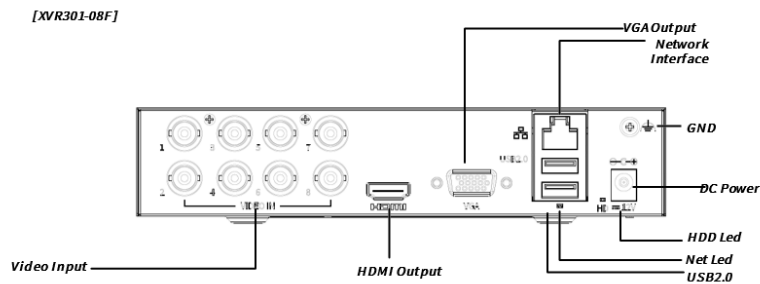
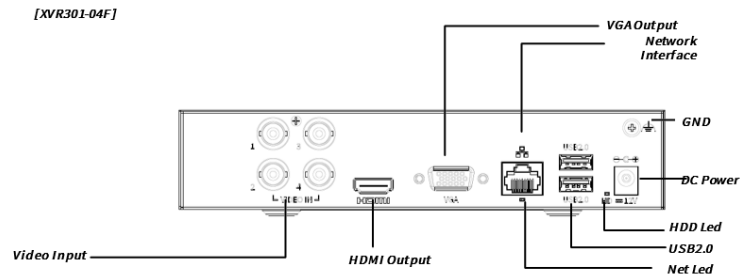
[XVR301-08F]



[XVR301-16F]



# Rear Panel



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