

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

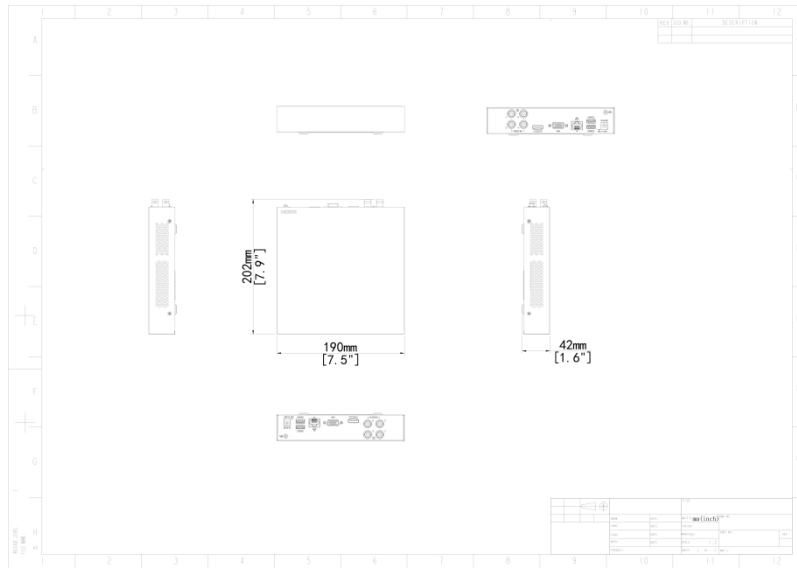
| Video/Audio Input | Description |
|--------------------|---|
| IP Video Input | 2-ch |
| Analog Video Input | XVR301-04F:4-ch, BNC XVR301-16F/XVR301-16F-NB:16-ch, BNC XVR301-08F/XVR301-08F-NB:8-ch, BNC |

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| Max IP Video Input | XVR301-04F:6-ch XVR301-16F/XVR301-16F-NB:18-ch XVR301-08F/XVR301-08F-NB: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 |
| Video/Audio Output | Description |
| HDMI Output | HDMI:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz |
| VGA Output | XVR301-04F/XVR301-16F/XVR301-08F:VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz XVR301-08F-NB/XVR301-16F-NB: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/XVR301-16F-NB:HDMI/VGA: 1/4/6/8/9/25 XVR301-08F/XVR301-08F-NB:HDMI/VGA: 1/4/6/8/9/16 |
| Encoding/Decoding | Description |
| 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/XVR301-16F-NB:Main stream: 1080P Lite@12fps Sub stream: D1@12fps Main stream: 720P@15fps Sub stream: D1@15fps XVR301-08F/XVR301-08F-NB: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/XVR301-16F-NB:Analog:16x 1080P Lite@12, 16x 720P@15 |

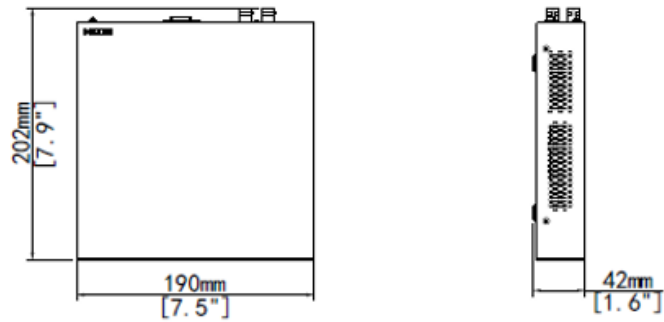
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| | <p>IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30, 8 x 720P@30, 16 x D1@30</p> <p>XVR301-08F/XVR301-08F-NB:Analog:8x 1080P Lite @15, 8x 720P @15</p> <p>IP: 1 x 6MP@20, 2 x 1080P@30</p> |
| Two-way Audio | Description |
| Two-way Audio | N/A |
| Analog Snapshot | Description |
| FTP/Schedule/Event Snapshot | <p>XVR301-04F:FTP/Event snapshot:4-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported</p> <p>XVR301-16F/XVR301-16F-NB:FTP/Event snapshot:16-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported</p> <p>XVR301-08F/XVR301-08F-NB:FTP/Event snapshot:8-ch snapshot, up to 704*576 resolution, Schedule snapshot:not supported</p> |
| Network | Description |
| Incoming Bandwidth | <p>XVR301-04F:24Mbps (Up to 32Mbps after all analog channel conversion)</p> <p>XVR301-16F/XVR301-16F-NB:24Mbps (Up to 56Mbps after all analog channel conversion)</p> <p>XVR301-08F/XVR301-08F-NB:24Mbps (Up to 40Mbps after all analog channel conversion)</p> |
| Outgoing Bandwidth | <p>XVR301-04F:48Mbps</p> <p>XVR301-16F/XVR301-08F/XVR301-08F-NB/XVR301-16F-NB:64Mbps</p> |
| Remote Users | 128 |
| Protocols | TCP/IP; P2P; UPnP; NTP; DHCP; HTTP; HTTPS; DNS; DDNS; SMTP |
| Browser(Plugin) | <p>XVR301-04F/XVR301-16F/XVR301-08F:Windows: IE (IE10/ 11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above)</p> <p>XVR301-08F-NB/XVR301-16F-NB:IE(IE10/11)</p> <p>Firefox (version 52.0 and above)</p> <p>Chrome(version 45 and above)</p> <p>Edge(version 79 and above)</p> |
| Smart | Description |
| Analog Smart by XVR | <p>XVR301-04F/XVR301-16F/XVR301-08F:Ultra Motion Detection(UMD)</p> <p>XVR301-08F-NB/XVR301-16F-NB:Ultra Motion Detection(UMD)</p> |
| VCA Search | Behavior Search |
| Smart Functions by XVR | <p>XVR301-04F:4-ch(UMD)</p> <p>XVR301-16F/XVR301-08F/XVR301-08F-NB/XVR301-16F-NB:8-ch(UMD)</p> |
| Alarm | Description |
| General Alarm | XVR301-04F/XVR301-16F/XVR301-08F:Motion |

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| Alert Alarm | IP Conflict; Network Disconnected; Disk offline; Disk Abnormal; Illegal Access; Hard Disk Space Low; Hard Disk Full; Recording/Snapshot Abnormal |
| GUI Language | Description |
| 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 | Description |
| SATA | 1 SATA interface |
| Capacity | Up to 6TB for each HDD |
| External Interface | Description |
| Network Interface | 1 RJ45 10M/100M self-adaptive Ethernet Interface |
| USB | Rear panel: 2 x USB2.0 |
| Power Supply | DC 12V/1.5A |
| Working Environment | Description |
| Working Temperature | -10 °C ~ 55 °C (14 °F ~ 131 °F) |
| Working Humidity | ≤ 90% RH(non-condensing) |
| Power Consumption (without HDD) | ≤ 10W |
| Dimensions | Description |
| Weight (without HDD) | XVR301-04F/XVR301-08F/XVR301-08F-NB: ≤0.6 Kg (1.32lb) XVR301-16F/XVR301-16F-NB: ≤0.85 Kg (1.87lb) |
| Dimensions | XVR301-04F/XVR301-08F/XVR301-08F-NB: 190mm × 202mm × 42mm (7.5" × 7.9" × 1.6") XVR301-16F/XVR301-16F-NB: 253mm × 212mm × 42mm (10.0" × 8.4" × 1.7") |
| Certification | Description |
| Certification | CE, FCC, UL, RoHS, WEEE |
| CE | EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035 |
| FCC | Part15 Subpart B |

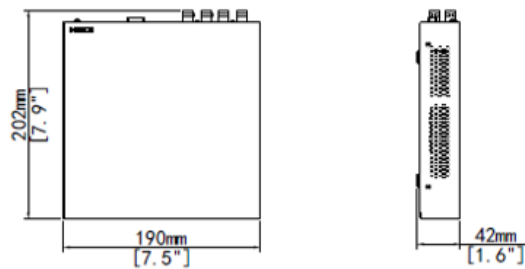
Dimensions



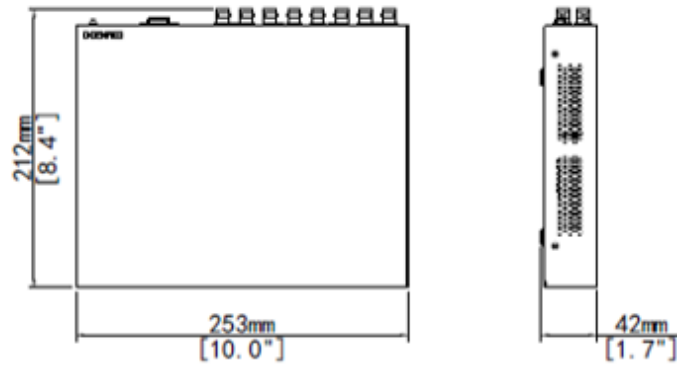
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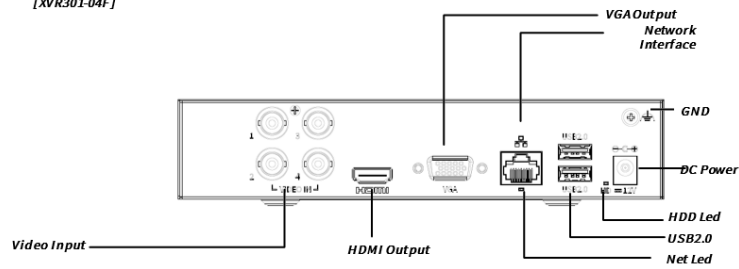


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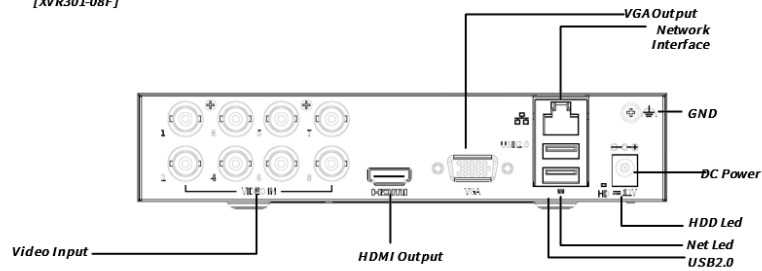


Rear Panel

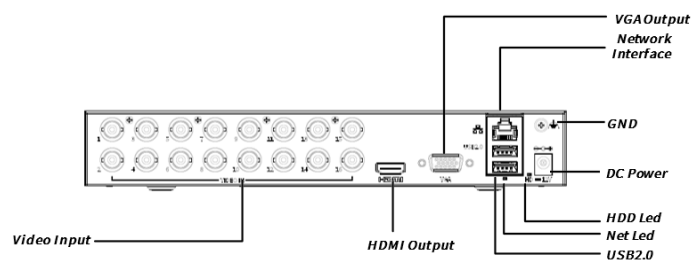
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