

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

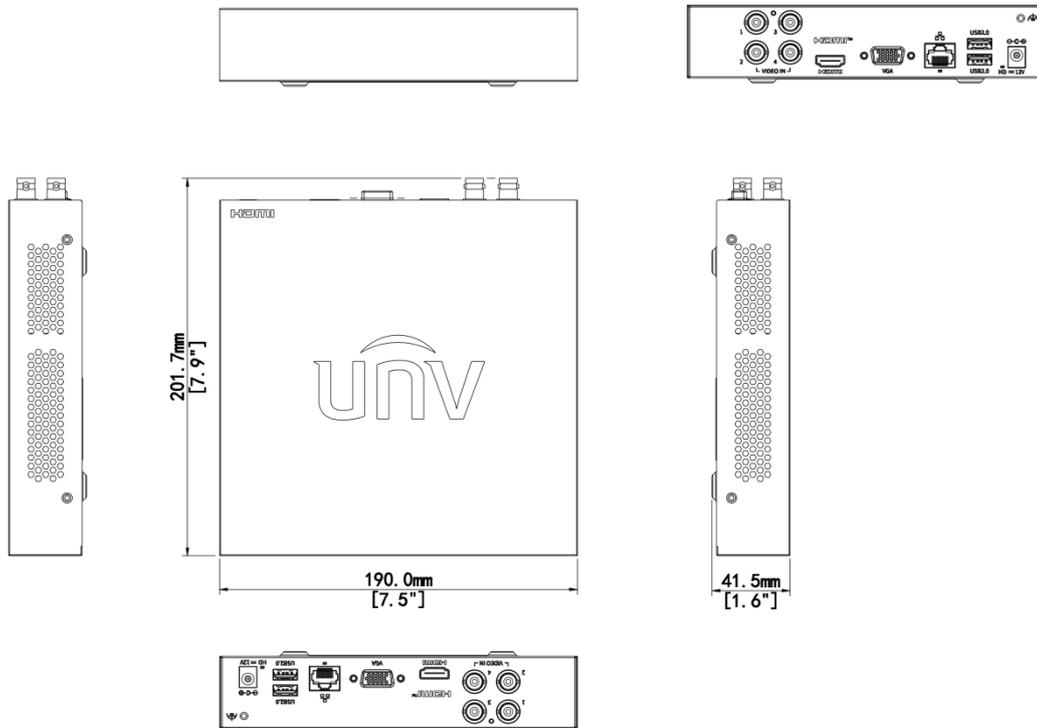
Specifications

| 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, |

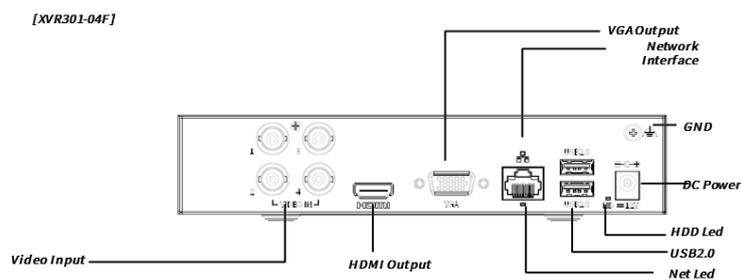
| | | | |
|---------------------------------|---|---|---|
| | Schedule snapshot: not supported | Schedule snapshot: not supported | Schedule snapshot: not supported |
| Network | | | |
| Incoming Bandwidth | 24Mbps (Up to 32Mbps after all analog channel conversion) | 24Mbps (Up to 40Mbps after all analog 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 °C to 55 °C (14 °F to 131 °F) | | |
| 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 | | |

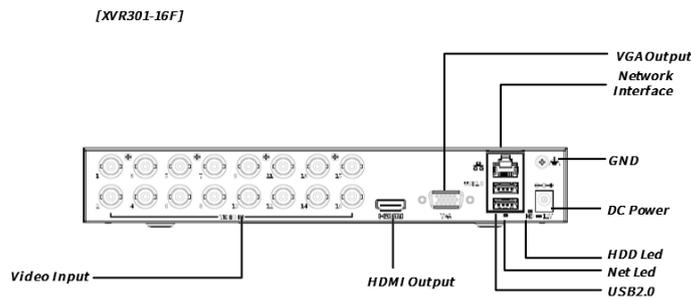
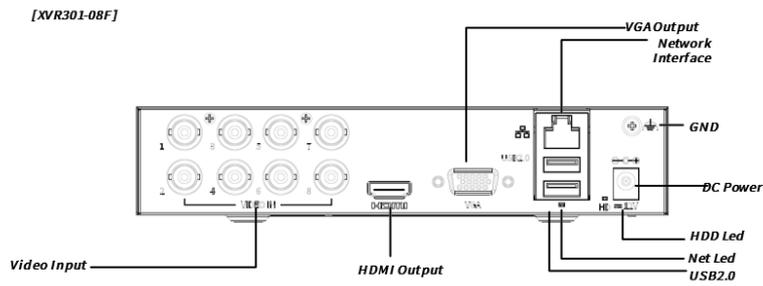
Dimensions

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



Rear Panel





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