

Digital Video Recorder

XVR302-16U3



Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable(TVI cameras)
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 16-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

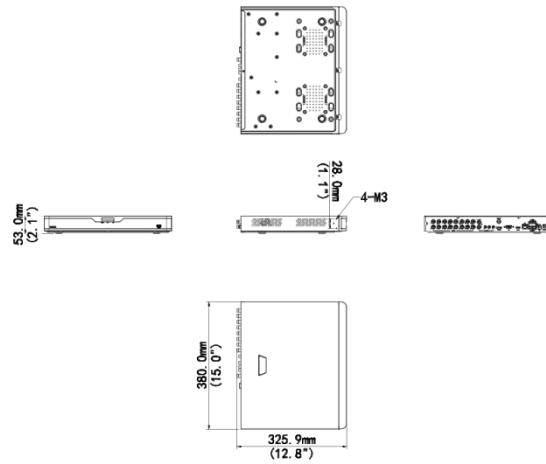
Specifications

| Video/Audio Input | Description |
|-------------------------------|---|
| IP Video Input | 16-ch |
| Analog Video Input | 16-ch, BNC |
| Max IP Video Input | 32-ch |
| Supported Analog Camera Types | Support AHD input: 8MP@15fps 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support TVI input: 8MP@15fps |

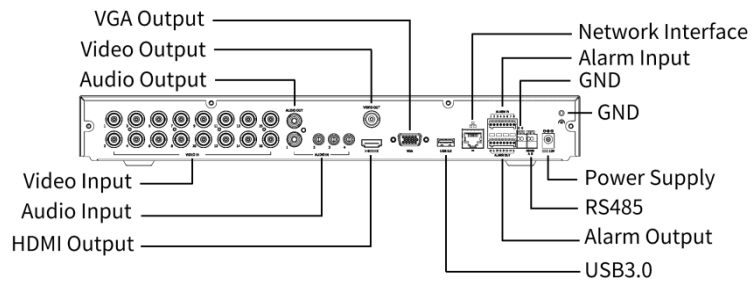
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|--------------------------------|---|
| | 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support CVI input: 8MP@15fps 5MP@25fps 4MP@30fps 1080P@30fps 720P@30fps Support CVBS input |
| BNC Audio Input | 16-ch, channel audio |
| RCA Audio Input | 4-ch |
| Video/Audio Output | Description |
| HDMI Output | HDMI:4K(3840x2160)/30Hz, 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 |
| BNC Video Output | 1-ch |
| RCA Audio Output | 1-ch |
| Live View Display | HDMI/VGA: 1/4/6/8/9/25/32 |
| Encoding/Decoding | Description |
| Recording Resolution | 8MP/5MP/4MP/1080P/720P/D1 |
| Recording Frame Rate | Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps |
| Audio Sample Rate | 8KHz,16 bit per channel |
| Audio Bit Rate | 64Kbps per channel |
| Decoding Capability | Analog: 8 x 8MP@8, 8 x 5MP@12, 8 x 4MP@15, 8 x 1080P@25, 16 x 720@30 IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30 |
| Coaxial Cable | Description |
| Audio over Coaxial Cable(Form) | 16-ch, One-way Audio(TVI) |
| Two-way Audio | Description |
| Two-way Audio | 1-ch, RCA(Using the audio input and output) |
| Analog Snapshot | Description |
| FTP/Schedule/Event Snapshot | Schedule/FTP/Event snapshot:16-ch snapshot, up to 704*576 resolution |
| Network | Description |
| Incoming Bandwidth | 80 Mbps (Up to 112 Mbps after all analog channel conversion) |
| Outgoing Bandwidth | 160Mbps |
| Remote Users | 128 |

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|---------------------------------|---|
| Protocols | TCP/IP;P2P;UPnP;DHCP;HTTP;HTTPS;DNS;DDNS;SMTP |
| Browser(Plugin) | Windows:IE(IE10/11),Firefox (version 52.0 and above),Chrome(version 45 and above),Edge(version 79 and above) |
| Smart | Description |
| Analog Smart by XVR | SIP(Intrusion Detection,Cross Line Detection,Enter Area,Leave Area);Face Detection;Ultra Motion Detection(UMD) |
| IP Smart by IPC | Face Detection;SIP(Intrusion Detection,Cross Line Detection,Enter Area,Leave Area);Defocus Detection;Scene Change Detection;Object Removed;Object Left Behind;Auto Tracking |
| VCA Search | Face Search;Behavior Search |
| Smart Functions by XVR | 16-ch(UMD), 8-ch(SIP), 2-ch(Face Detection) |
| Alarm | Description |
| 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 |
| Hard Disk | Description |
| SATA | 2 SATA interfaces |
| Capacity | Up to 8TB for each HDD (The maximum HDD capacity varies with environment temperature) |
| External Interface | Description |
| Network Interface | 1 RJ45 10M/100M/1000M self-adaptive Ethernet Interface |
| USB | Rear panel: 1 x USB3.0;Front panel: 1 x USB2.0 |
| RS485 | 1 |
| RS232 | NA |
| Alarm In | 8-ch |
| Alarm Out | 4-ch |
| Power Supply | DC 12V/5A |
| Working Environment | Description |
| Working Temperature | -10° C ~ + 55° C (+14° F ~ +131° F) |
| Working Humidity | ≤ 90% RH(non-condensing) |
| Power Consumption (without HDD) | ≤ 38W |
| Dimensions | Description |
| Weight (without HDD) | ≤2.3 Kg (5.07lb) |
| Dimensions | 380mm × 326mm × 53mm (15.0" × 12.8"×2.1") |
| Certification | Description |
| Certification | CE, FCC, UL, RoHS, WEEE |
| CE | EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 50130 |
| FCC | Part15 Subpart B |

Dimensions



Rear Panel



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