

# XVR301-Q3 Series



## Key Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable(only for TVI cameras)
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 4/8-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

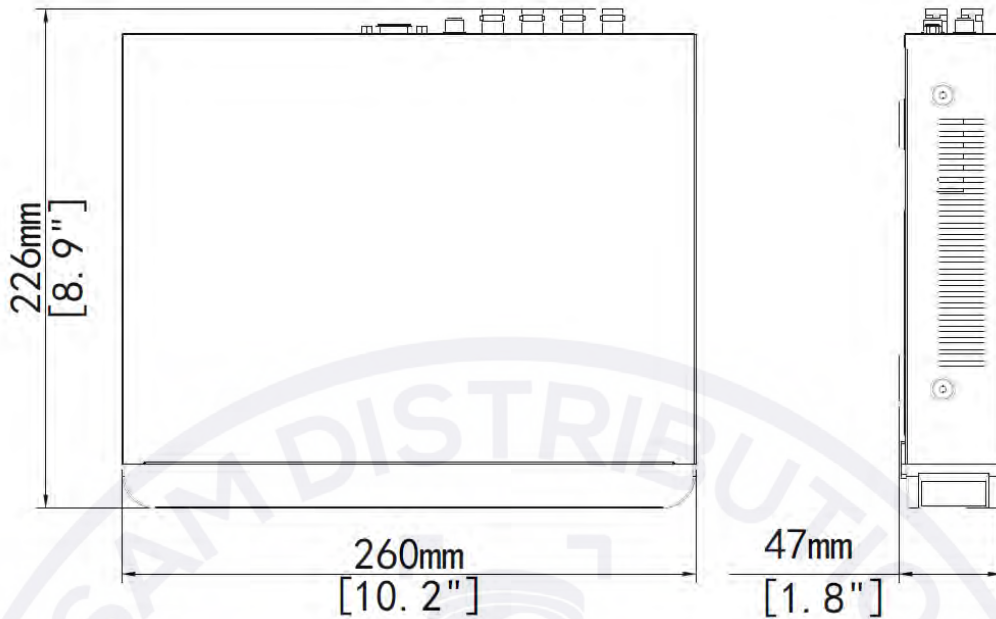
## Specifications

| Model                         | XVR301-04Q3   | XVR301-08Q3   |
|-------------------------------|---|---|
| Video/Audio Input             |   |   |
| Analog Video Input            | 4-ch, BNC   | 8-ch, BNC   |
| IP Video Input                | 2-ch(only IP up to 6ch), each channel up to 4MP   | 4-ch(only IP up to 12ch), each channel up to 8MP  |
| Supported Analog Camera Types | <b>Support AHD input:</b><br>8MP@15fps<br>5MP@20fps<br>4MP@30fps<br>1080P@30fps<br>720P@30fps<br><b>Support TVI input:</b><br>8MP@15fps<br>5MP@20fps<br>4MP@30fps | <b>Support AHD input:</b><br>8MP@15fps<br>5MP@20fps<br>4MP@30fps<br>1080P@30fps<br>720P@30fps<br><b>Support TVI input:</b><br>8MP@15fps<br>5MP@20fps<br>4MP@30fps |

|                           |   |   |                    |                   |
|---------------------------|---|---|--------------------|-------------------|
|                           | 1080P@30fps<br>720P@30fps<br><b>Support CVI input:</b><br>8MP@15fps<br>5MP@25fps<br>4MP@30fps<br>1080P@30fps<br>720P@30fps<br><b>Support CVBS input</b>       | 1080P@30fps<br>720P@30fps<br><b>Support CVI input:</b><br>8MP@15fps<br>5MP@25fps<br>4MP@30fps<br>1080P@30fps<br>720P@30fps<br><b>Support CVBS input</b> |                    |                   |
| Audio Input               | 1-ch, RCA   |   |                    |                   |
| Audio Compression         | G.711U  |   |                    |                   |
| <b>Video/Audio Output</b> |   |   |                    |                   |
| CVBS Output               | 1-ch, BNC   |   |                    |                   |
| VGA Output                | 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz  |   |                    |                   |
| HDMI Output               | 3840 x 2160/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz  |   |                    |                   |
| Audio Output              | 1-ch, RCA   |   |                    |                   |
| Synchronous Playback      | 4   | 8   |                    |                   |
| Live view display         | HDMI/VGA: 1/4/6/8/9   | HDMI/VGA: 1/4/6/8/9/16  |                    |                   |
| Two-way Audio             | 1-ch, RCA   |   |                    |                   |
| <b>Network</b>            |   |   |                    |                   |
| Incoming Bandwidth        | 40Mbps (Up to 48Mbps after all analog channel conversion)   | 40Mbps (Up to 56Mbps after all analog channel conversion)   |                    |                   |
| Outgoing Bandwidth        | 48Mbps  | 64Mbps  |                    |                   |
| Remote Users              | 128   |   |                    |                   |
| Protocols                 | TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP   |   |                    |                   |
| Browser                   | IE(IE10/11) for Windows<br>Firefox (version 52.0 and above) for Windows<br>Chrome(version 45 and above) for Windows<br>Edge(version 79 and above) for Windows |   |                    |                   |
| <b>Encoding</b>           |   |   |                    |                   |
| Recording Resolution      | 8MP Lite/5MP/5MP Lite/4MP Lite/1080P/720P/CIF   | 8MP Lite/5MP/5MP Lite/4MP Lite /1080P/720P/CIF  |                    |                   |
| Recording                 | <b>Main stream</b>  | <b>Sub stream</b>   | <b>Main stream</b> | <b>Sub stream</b> |
|                           | 8MP Lite@8fps   | D1@8fps   | 8MP Lite@8fps      | D1@8fps           |

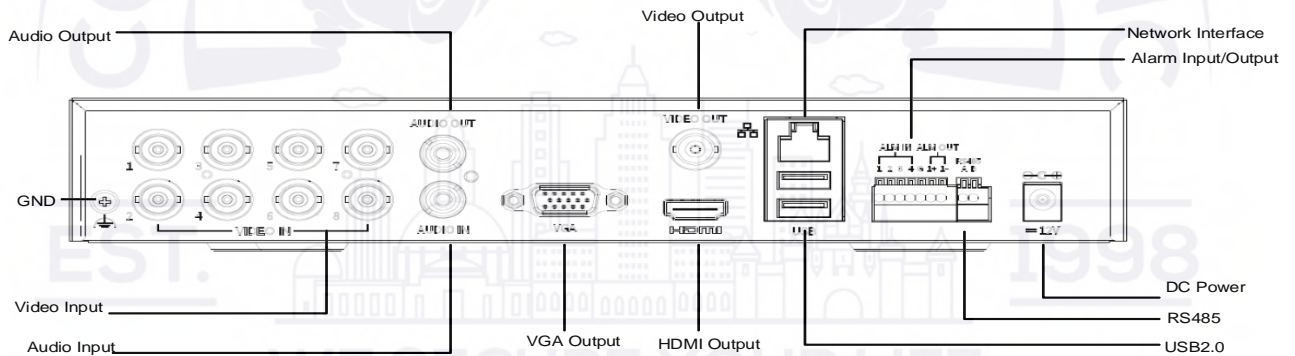
|                           |  |          |   |          |
|---------------------------|--|----------|---|----------|
| Frame Rate                | 5MP Lite @12fps  | D1@12fps | 5MP Lite @12fps   | D1@12fps |
|                           | 4MP Lite@15fps   | D1@15fps | 4MP Lite@15fps  | D1@15fps |
|                           | 1080P@15fps  | D1@15fps | 1080P@15fps   | D1@15fps |
|                           | 720p@30fps   | D1@30fps | 720p@30fps  | D1@30fps |
| Audio Sample Rate         | 8KHz,16 bit per channel  |          |   |          |
| Audio Bit Rate            | 64Kbps per channel   |          |   |          |
| <b>Decoding</b>           |  |          |   |          |
| Capability                | Analog: 4 x 8MP Lite@8, 4x 5MP Lite@12, 4x 4MP Lite@15, 4 x 1080P@15<br>IP: 1 x 4MP@30, 2 x 1080P@30   |          | Analog: 8 x 8MP Lite@8, 8x 5MP Lite@12, 8x 4MP Lite@15, 8x 1080P@15<br>IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30 |          |
| <b>Hard Disk</b>          |  |          |   |          |
| SATA                      | 1 SATA interface   |          |   |          |
| Capacity                  | Up to 8TB for each HDD<br>(The maximum HDD capacity varies with environment temperature)   |          |   |          |
| <b>General Alarm</b>      |  |          |   |          |
| General Alarm             | Motion detection   |          |   |          |
| Alert Alarm               | IP Conflict, Network Disconnected, Disk offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal |          |   |          |
| <b>External Interface</b> |  |          |   |          |
| Network Interface         | 1 RJ45 10M/100M self-adaptive Ethernet Interface   |          |   |          |
| USB Interface             | Rear panel: 2 x USB2.0   |          |   |          |
| RS485                     | 1  |          |   |          |
| Alarm In                  | 4-ch   |          |   |          |
| Alarm Out                 | 1-ch   |          |   |          |
| <b>General</b>            |  |          |   |          |
| Power Supply              | 12V DC<br>Power Consumption: ≤ 10 W( without HDD )   |          |   |          |
| Working Environment       | -10°C ~ + 55°C ( +14°F ~ +131°F ), Humidity ≤ 90% RH(non-condensing)   |          |   |          |
| Dimensions(W×D×H)         | 260mm ×226mm× 47mm (10.2" × 8.9"×1.8")   |          |   |          |
| Weight ( without HDD )    | ≤1.1 Kg ( 2.42lb )   |          |   |          |
| <b>Certification</b>      |  |          |   |          |
| Certification             | UL /CE /FCC /RoHS /WEEE  |          |   |          |

## Dimensions



## Rear Panel

Take XVR301-08Q3 for example



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