

# Digital Video Recorder XVR301-Q3 Series





### **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                |  |                        |  |
| IP Video Input                   | 2-ch   | 4-ch                   |  |
| Analog Video Input               | 4-ch, BNC  | 8-ch, BNC              |  |
| Max IP Video Input               | 6-ch   | 12-ch                  |  |
| Supported Analog Camera<br>Types | Support AHD input:   | Support AHD input:     |  |
|                                  | 8MP@15fps  | 8MP@15fps              |  |
|                                  | 5MP@20fps  | 5MP@20fps              |  |
|                                  | 4MP@30fps  | 4MP@30fps              |  |
|                                  | 1080P@30fps  | 1080P@30fps            |  |
|                                  | 720P@30fps   | 720P@30fps             |  |
|                                  | Support TVI input:   | Support TVI input:     |  |
|                                  | 8MP@15fps  | 8MP@15fps              |  |
|                                  | 3K@20fps   | 3K@20fps               |  |
|                                  | 5MP@20fps  | 5MP@20fps              |  |
|                                  | 4MP@30fps  | 4MP@30fps              |  |
|                                  | 1080P@30fps  | 1080P@30fps            |  |
|                                  | 720P@30fps   | 720P@30fps             |  |
|                                  | Support CVI input:   | Support CVI input:     |  |
|                                  | 8MP@15fps  | 8MP@15fps              |  |
|                                  | 5MP@25fps  | 5MP@25fps              |  |
|                                  | 4MP@30fps  | 4MP@30fps              |  |
|                                  | 1080P@30fps  | 1080P@30fps            |  |
|                                  | 720P@30fps   | 720P@30fps             |  |
|                                  | Support CVBS input   | Support CVBS input     |  |
| BNC Audio Input                  | 4-ch, channel audio  | 8-ch, channel audio    |  |
| RCA Audio Input                  | 1-ch   |                        |  |
| Video/Audio Output               |  |                        |  |
| HDMI Output                      | HDMI: 4K (3840 × 2160)/30 Hz, 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   |                        |  |
| BNC Video Output                 | 1-ch   |                        |  |
| RCA Audio Output                 | 1-ch   |                        |  |
| Live View Display                | HDMI/VGA: 1/4/6/8/9  | HDMI/VGA: 1/4/6/8/9/16 |  |
| Encoding/Decoding                |  |                        |  |
| Recording Resolution             | 8MP Lite/5MP Lite/4MP Lite/1080P/720P/D1   |                        |  |
|                                  | Main stream: 8MP Lite@8fps Sub stream: D1@8fps   |                        |  |
| Recording Frame Rate             | Main stream: 3K Lite@12fps Sub stream: D1@12fps  |                        |  |
|                                  | Main stream: 5MP Lite@12fps Sub stream: D1@12fps   |                        |  |
|                                  | Main stream: 4MP Lite@15fps Sub stream: D1@15fps   |                        |  |



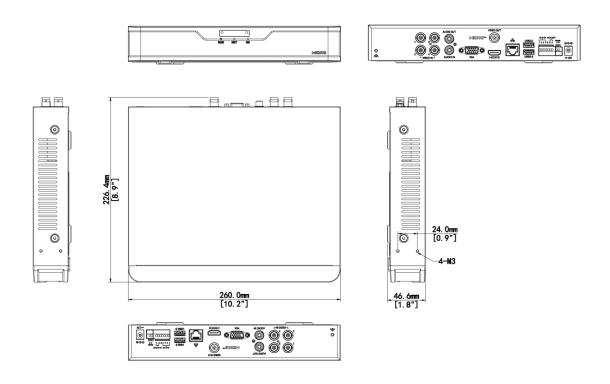
|                              | Main stroom: 1000D@1Efns Cub stroom: D101   | -Fine   |  |
|------------------------------|---|---|--|
|                              | Main stream: 1080P@15fps Sub stream: D1@15fps   |   |  |
| Audia Campala Data           | Main stream: 720P@30fps Sub stream: D1@30fps  |   |  |
| Audio Sample Rate            | 8 kHz, 16 bit per channel   |   |  |
| Audio Bit Rate               | 64 Kbps per channel   |   |  |
| Decoding Capability          | Analog: 4 x 8MP Lite@8, 4 x 3K Lite@12, 4x 5MP  | Analog: 8 x 8MP Lite@8, 8 x 3K Lite@12, 8 x               |  |
|                              | Lite@12, 4x 4MP Lite@15, 4 x 1080P@15   | 5MP Lite@12, 8 x 4MP Lite@15, 8 x 1080P@15                |  |
|                              | IP: 1 x 4MP@30, 2 x 1080P@30  | IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30                  |  |
| Two-way Audio                |   |   |  |
| Two-way Audio                | 1-ch, RCA (Using the audio input and output)  |   |  |
| Analog Snapshot              |   |   |  |
| FTP/Schedule/Event           | Schedule/FTP/Event snapshot:4-ch snapshot,  | Schedule/FTP/Event snapshot:8-ch snapshot,                |  |
| Snapshot                     | up to 704*576 resolution  | up to 704*576 resolution                                  |  |
| Network                      |   |   |  |
| 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, NTP  |   |  |
| Browser(Plugin)              | IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+   |   |  |
| Smart                        |   |   |  |
| Analog Smart by XVR          | Ultra Motion Detection (UMD), SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Face Detection   |   |  |
|                              | Face Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Defocus  |   |  |
| IP Smart by IPC              | Detection, Scene Change Detection, Object Removed, Object Left Behind, Auto Tracking  |   |  |
| VCA Search                   | Face Search, Behavior Search  |   |  |
| Smart Functions by XVR       | 4-ch (UMD) 2-ch (SIP) 1-ch (Face Detection)   | 8-ch (UMD) 2-ch (SIP) 1-ch (Face Detection)               |  |
| Smart Functions by IP Camera | 2-ch (SIP)  | 2 0 (0) = 0 (0) = 0 (0)                                   |  |
| Alarm                        | 2 0 (e /  |   |  |
| 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                 | Low, Hard Disk Full, Recording/Shapshot/Abhori  | inut  |  |
| doi Language                 | 20 Janguages: Simplified Chinese Traditional Ch   | inoco English Viotnamoco Thai Turkish                     |  |
|                              | 38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish,  |   |  |
| CIIII anguago                | Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian,   |   |  |
| GUI Language                 | Dutch, Polish, Czech, Hungarian, Slovak, Russian, Hebrew, Arabic, Ukrainian, Estonian, Bulgarian, Greek, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenia, Serbia, |   |  |
|                              | Korean, Japanese, Latvian, Lithuanian, Persian  |   |  |
| Hard Disk                    | norean, Japanese, Latvian, Lithuanian, Felsian  |   |  |
| SATA                         | 1 SATA interface  |   |  |
| Capacity                     | Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)   |   |  |
| External Interface           | OP to 10 10 for each fine maximum above   | pacity varies with environment temperature)               |  |
| Network Interface            | 1 DIAE 10 M/100 M colf adaptive Ethernet laterife   | 50  |  |
|                              | 1 RJ45 10 M/100 M self-adaptive Ethernet Interface  |   |  |
| USB                          | Rear panel: 2 × USB2.0  |   |  |



| RS485                      | 1  |  |  |
|----------------------------|--|--|--|
| Alarm In                   | 4-ch   |  |  |
| Alarm Out                  | 1-ch   |  |  |
| Power Supply               | DC 12 V/2 A  |  |  |
| Working Environment        |  |  |  |
| Working Temperature        | -10 °C to 55 °C (14 °F to 131 °F )                 |  |  |
| Working Humidity           | ≤ 90% RH (non-condensing)                          |  |  |
| Power Consumption (without | ≤10W   |  |  |
| HDD)                       |  |  |  |
| Dimensions                 |  |  |  |
| Weight (without HDD)       | ≤1.1 Kg ( 2.42lb )                                 |  |  |
| Dimensions                 | 260mm ×226mm× 47mm (10.2" × 8.9"×1.8")             |  |  |
| 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 XVR301-04Q3 as an example





#### **Accessories**

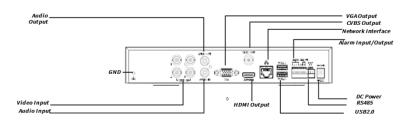
#### RM-1U-260

1 HDD 1U NVR Rack Mount

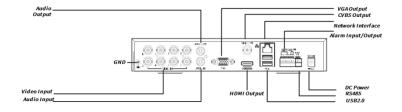


#### **Rear Panel**

[XVR301-04Q3]



[XVR301-08Q3]



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<sup>\*</sup>Product specifications and availability are subject to change without notice.

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