

## Digital Video Recorder

# XVR308-32Q3



## Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable(TVI & Uniview CVI protocol cameras)
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 32-channel BNC input
- Support 1-ch CVBS output, 1-ch VGA output, 2-ch HDMI, HDMI2 output at up to 4K(3840 x 2160)
- HDMI1 and VGA simultaneous output, HDMI2 and HDMI1/VGA independent output
- Long transmission distance over coaxial cable
- Support mainstream cameras of ONVIF and RTSP protocol

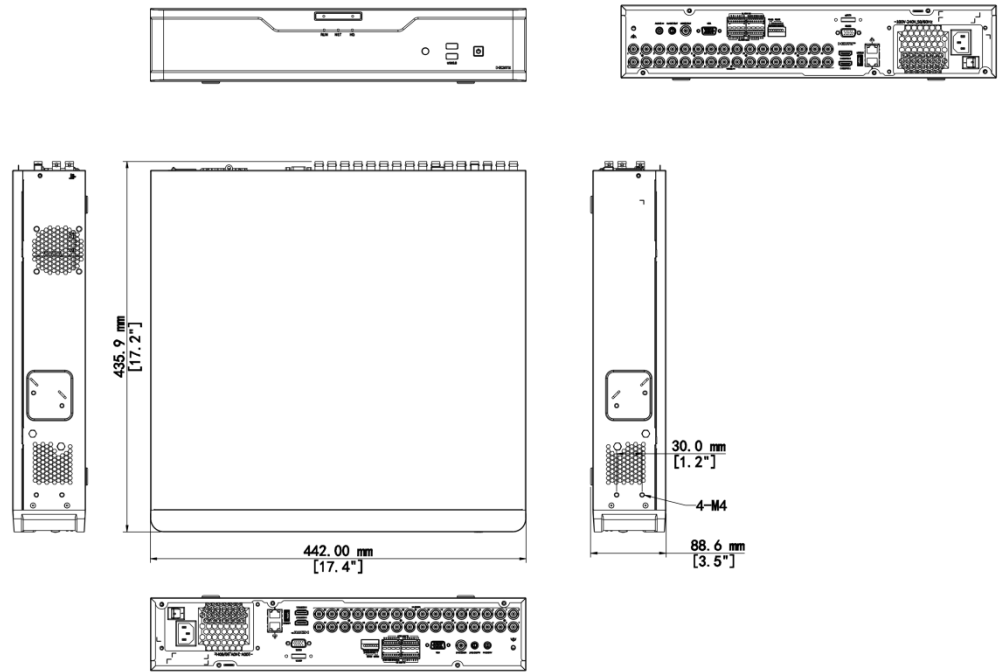
## Specifications

| Model                         | XVR308-32Q3                                                                                                                                                                                                                                                                                      |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video/Audio Input             |                                                                                                                                                                                                                                                                                                  |
| IP Video Input                | 4-ch                                                                                                                                                                                                                                                                                             |
| Analog Video Input            | 32-ch, BNC                                                                                                                                                                                                                                                                                       |
| Max IP Video Input            | 36-ch                                                                                                                                                                                                                                                                                            |
| Supported Analog Camera Types | Support AHD input:<br>8MP@15fps<br>5MP@20fps<br>4MP@30fps<br>1080P@30fps<br>720P@30fps<br>Support TVI input:<br>8MP@15fps<br>5MP@20fps<br>4MP@30fps<br>1080P@30fps<br>720P@30fps<br>Support CVI input:<br>8MP@15fps<br>5MP@25fps<br>4MP@30fps<br>1080P@30fps<br>720P@30fps<br>Support CVBS input |
| BNC Audio Input               | 32-ch, channel audio                                                                                                                                                                                                                                                                             |
| RCA Audio Input               | 1-ch                                                                                                                                                                                                                                                                                             |
| Video/Audio Output            |                                                                                                                                                                                                                                                                                                  |
| HDMI Output                   | HDMI1: 1920 × 1080/60 Hz, 1920 × 1080/50 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz; HDMI2: 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: 1/4/6/8/9/16/25/36                                                                                                                                                                                                                                                                     |
| Playback Screen               | 1/4/9/16                                                                                                                                                                                                                                                                                         |
| Encoding/Decoding             |                                                                                                                                                                                                                                                                                                  |
| Recording Resolution          | 8MP Lite/5MP Lite/4MP Lite /1080P/720P/D1                                                                                                                                                                                                                                                        |
| Recording Frame Rate          | Main stream: 8MP Lite@8fps<br>Sub stream: D1@8fps<br>Main stream: 5MP Lite@12fps                                                                                                                                                                                                                 |

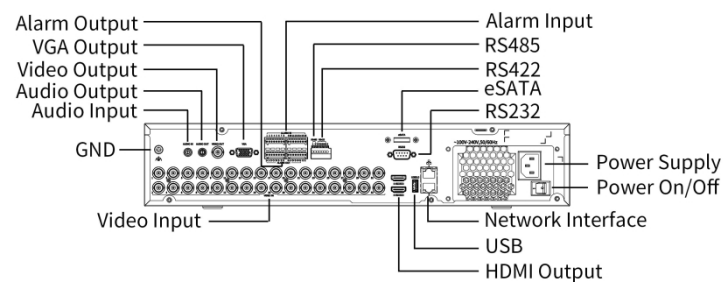
|                                     |                                                                                                                                                                                                                                                                               |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     | Sub stream: D1@12fps<br>Main stream: 4MP Lite@15fps<br>Sub stream: D1@15fps<br>Main stream: 1080P@15fps<br>Sub stream: D1@15fps<br>Main stream: 720P@30fps<br>Sub stream: D1@30fps                                                                                            |
| Audio Sample Rate                   | 8 kHz, 16 bit per channel                                                                                                                                                                                                                                                     |
| Audio Bit Rate                      | 64 Kbps per channel                                                                                                                                                                                                                                                           |
| Decoding Capability                 | Analog: 32 x 8MP Lite@8, 32 x 5MP Lite@12, 32 x 4MP Lite@15, 32 x 1080P@25, 32 x 720@30<br>IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30, 36 x D1, 16 x 720P@30                                                                                                      |
| Num of Concurrent Playback in Local | 16-ch                                                                                                                                                                                                                                                                         |
| Coaxial Cable                       |                                                                                                                                                                                                                                                                               |
| Audio over Coaxial Cable(Form)      | 32-ch, One-way Audio(TVI&Uniview CVI protocol cameras)                                                                                                                                                                                                                        |
| Two-way Audio                       |                                                                                                                                                                                                                                                                               |
| Two-way Audio                       | 1-ch, RCA (Using the audio input and output)                                                                                                                                                                                                                                  |
| Analog Snapshot                     |                                                                                                                                                                                                                                                                               |
| FTP/Schedule/Event Snapshot         | Schedule/FTP/Event snapshot:32-ch snapshot, up to 704*576 resolution                                                                                                                                                                                                          |
| Network                             |                                                                                                                                                                                                                                                                               |
| Incoming Bandwidth                  | 160Mbps (Up to 224 Mbps after all analog channel conversion)                                                                                                                                                                                                                  |
| Outgoing Bandwidth                  | 160Mbps                                                                                                                                                                                                                                                                       |
| Remote Users                        | 128                                                                                                                                                                                                                                                                           |
| Protocols                           | TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP, IPv6                                                                                                                                                                                                                   |
| 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                                                                                                                                                        |
| IP Smart by IPC                     | Face Detection, Defocus Detection, Scene Change Detection, Object Removed, Object Left Behind, Auto Tracking, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area)                                                                                         |
| VCA Search                          | Face Search, Behavior Search                                                                                                                                                                                                                                                  |
| Smart Functions by XVR              | 16-ch (UMD), 8-ch (SIP), 2-ch (Face Detection)                                                                                                                                                                                                                                |
| Smart Functions by IP Camera        | 8-ch (SIP)                                                                                                                                                                                                                                                                    |
| 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                        | 38 languages: Simplified Chinese, Traditional Chinese, English, Vietnamese, Thai, Turkish, Spanish (Latin America), Portuguese (Brazil), Spanish, Portuguese, French, German, Italian, 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 |
| <b>Hard Disk</b>                |                                                                                                                                             |
| SATA                            | 8 SATA interfaces                                                                                                                           |
| Capacity                        | Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)                                                     |
| <b>External Interface</b>       |                                                                                                                                             |
| Network Interface               | 2 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface                                                                                   |
| USB                             | Front panel: 2 × USB2.0, Rear panel: 1 × USB3.0                                                                                             |
| RS485                           | 1                                                                                                                                           |
| RS422                           | 1                                                                                                                                           |
| RS232                           | 1                                                                                                                                           |
| eSATA                           | 1                                                                                                                                           |
| Alarm In                        | 16-ch                                                                                                                                       |
| Alarm Out                       | 6-ch                                                                                                                                        |
| Power Supply                    | AC 100 ~ 240 V                                                                                                                              |
| Power Switch                    | Support                                                                                                                                     |
| <b>Working Environment</b>      |                                                                                                                                             |
| Working Temperature             | -10 °C to 55 °C (14 °F to 131 °F )                                                                                                          |
| Working Humidity                | ≤ 90% RH (non-condensing)                                                                                                                   |
| Power Consumption (without HDD) | ≤ 45W                                                                                                                                       |
| <b>Dimensions</b>               |                                                                                                                                             |
| Weight (without HDD)            | ≤6.0 Kg ( 13.23lb )                                                                                                                         |
| Height                          | 2U                                                                                                                                          |
| Dimensions                      | 442.0mm × 435.9mm × 88.6mm (17.4" × 17.2" × 3.5")                                                                                           |
| <b>Certification</b>            |                                                                                                                                             |
| Certification                   | CE, FCC, UL, RoHS, WEEE                                                                                                                     |
| CE                              | EN 55032, EN 61000-3-3, EN IEC 61000-3-2                                                                                                    |
| FCC                             | Part15 Subpart B                                                                                                                            |

# Dimensions



# Rear Panel



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