

# Digital Video Recorder

XVR302-32Q3



## Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable(only for 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, 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

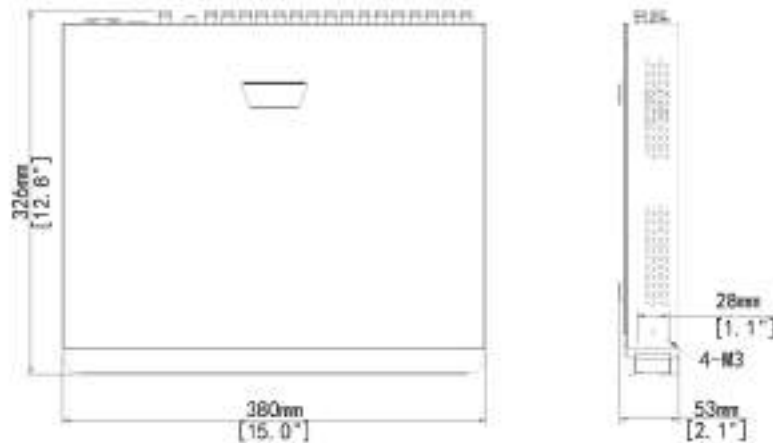
## Specifications

| Video/Audio Input             | Description                                                                                                               |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| IP Video Input                | 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 |

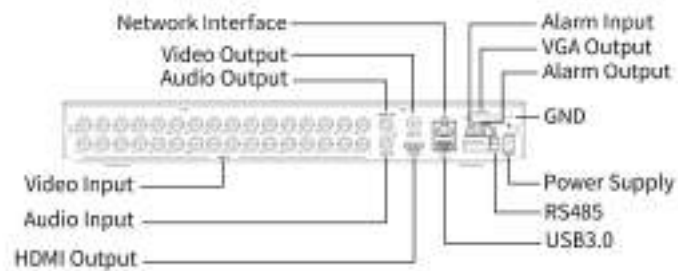
|                                     |                                                                                                                                                                                                                                                         |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                     | 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                  | Description                                                                                                                                                                                                                                             |
| HDMI Output                         | HDMI:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz                                                                                                                                   |
| VGA Output                          | VGA:<br>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: 1/4/6/8/9/25/36                                                                                                                                                                                                                               |
| Encoding/Decoding                   | Description                                                                                                                                                                                                                                             |
| Recording Resolution                | 8MP Lite/5MP Lite/4MP Lite /1080P/720P/D1                                                                                                                                                                                                               |
| Recording Frame Rate                | Main stream: 8MP Lite@8fps Sub stream: D1@8fps<br>Main stream: 5MP Lite@12fps Sub stream: D1@12fps<br>Main stream: 4MP Lite@15fps Sub stream: D1@15fps<br>Main stream: 1080P@15fps Sub stream: D1@15fps<br>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: 16 x 8MP Lite@8, 16x 5MP Lite@12, 16x 4MP Lite@15, 16 x 1080P@15, 16 x 720@30<br>IP: 16 x 720P@30, 8 x 1080P@30, 4 x 4MP@30, 2 x 8MP@30                                                                                                         |
| Num of Concurrent Playback in Local | 16-ch                                                                                                                                                                                                                                                   |
| Coaxial Cable                       | Description                                                                                                                                                                                                                                             |
| Audio over Coaxial Cable(Form)      | 32-ch, One-way Audio(only for Uniview CVI protocol cameras)                                                                                                                                                                                             |
| 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:32-ch snapshot, up to 704*576 resolution                                                                                                                                                                                    |
| Network                             | Description                                                                                                                                                                                                                                             |
| Incoming Bandwidth                  | 80Mbps (Up to 144Mbps after all analog channel conversion)                                                                                                                                                                                              |
| Outgoing Bandwidth                  | 160Mbps                                                                                                                                                                                                                                                 |
| Remote Users                        | 128                                                                                                                                                                                                                                                     |
| Protocols                           | TCP/IP;P2P;UPnP;DHCP;HTTP;HTTPS;DNS;DDNS;SMTP;NTP                                                                                                                                                                                                       |

|                                 |                                                                                                                                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 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             | Ultra Motion Detection(UMD)                                                                                                               |
| IP Smart by IPC                 | Face Detection;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)                                                                                                                                |
| 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                                                                                                                                         |
| Alarm In                        | 4-ch                                                                                                                                      |
| Alarm Out                       | 1-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)            | ≤2.6 Kg ( 5.72lb )                                                                                                                        |
| 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 55035                                                                                        |
| FCC                             | Part15 Subpart B                                                                                                                          |

## Dimensions



## Rear Panel



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