

# Digital Video Recorder

## XVR304-32Q3



## 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

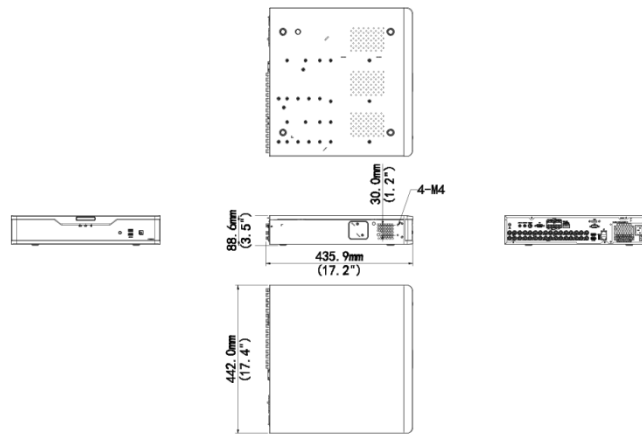
Video/Audio Input	Description
IP Video Input	4-ch
Analog Video Input	32-ch, BNC
Max IP Video Input	36-ch
Supported Analog Camera Types	Support AHD input: 8MP@15fps 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support TVI input: 8MP@15fps

	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	32-ch, channel audio
RCA Audio Input	1-ch
Video/Audio Output	Description
HDMI Output	HDMI1:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz; HDMI2:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
BNC Video Output	1-ch
RCA Audio Output	1-ch
Live View Display	HDMI/VGA: 1/4/6/8/9/16/25/36
Playback Screen	1/4/9/16
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 Main stream: 5MP Lite@12fps Sub stream: D1@12fps Main stream: 4MP Lite@15fps Sub stream: D1@15fps Main stream: 1080P@15fps Sub stream: D1@15fps 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: 32 x 8MP Lite@8, 32 x 5MP Lite@12, 32 x 4MP Lite@15, 32 x 1080P@25, 32 x 720@30 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	Description
Audio over Coaxial Cable(Form)	32-ch, One-way Audio(TVI&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

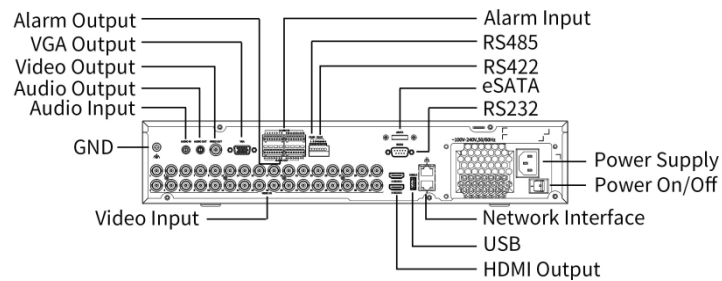
Incoming Bandwidth	160Mbps (Up to 224 Mbps after all analog channel conversion)
Outgoing Bandwidth	160Mbps
Remote Users	128
Protocols	TCP/IP; P2P; UPnP; DHCP; HTTP; HTTPS; DNS; DDNS; SMTP; IPv6
Browser(Plugin)	Windows: IE (IE10/ 11), Firefox (version 52.0 and above), Chrome (version 45 and above), Edge (version 79 and above)
<b>Smart</b>	<b>Description</b>
Analog Smart by XVR	Ultra Motion Detection(UMD) ; SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area)
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)
Smart Functions by IP Camera	8-ch(SIP)
<b>Alarm</b>	<b>Description</b>
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
<b>GUI Language</b>	<b>Description</b>
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>	<b>Description</b>
SATA	4 SATA interfaces
Capacity	Up to 16TB for each HDD(The maximum HDD capacity varies with environment temperature)
<b>External Interface</b>	<b>Description</b>
Network Interface	2 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB	Front panel: 2 x USB2.0; Rear panel: 1 x USB3.0
RS485	1
RS422	1
RS232	1
eSATA	1
Alarm In	16-ch
Alarm Out	6-ch
Power Supply	AC 100 ~ 240 V
<b>Working Environment</b>	<b>Description</b>
Working Temperature	-10 °C ~ 55 °C (14 °F ~ 131 °F )
Working Humidity	≤ 90% RH(non-condensing)
Power Consumption (without HD D)	≤ 45W

Dimensions	Description
Weight (without HDD)	≤6.0 Kg ( 13.23lb )
Height	2U
Dimensions	442.0mm × 435.9mm × 88.6mm (17.4" × 17.2" × 3.5")
Certification	Description
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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