UNV

Digital Video Recorder
XVR308-32Q3

NDAA COMPLIANT
NATIONAL DEFENSE AUTHORIZATION ACT

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
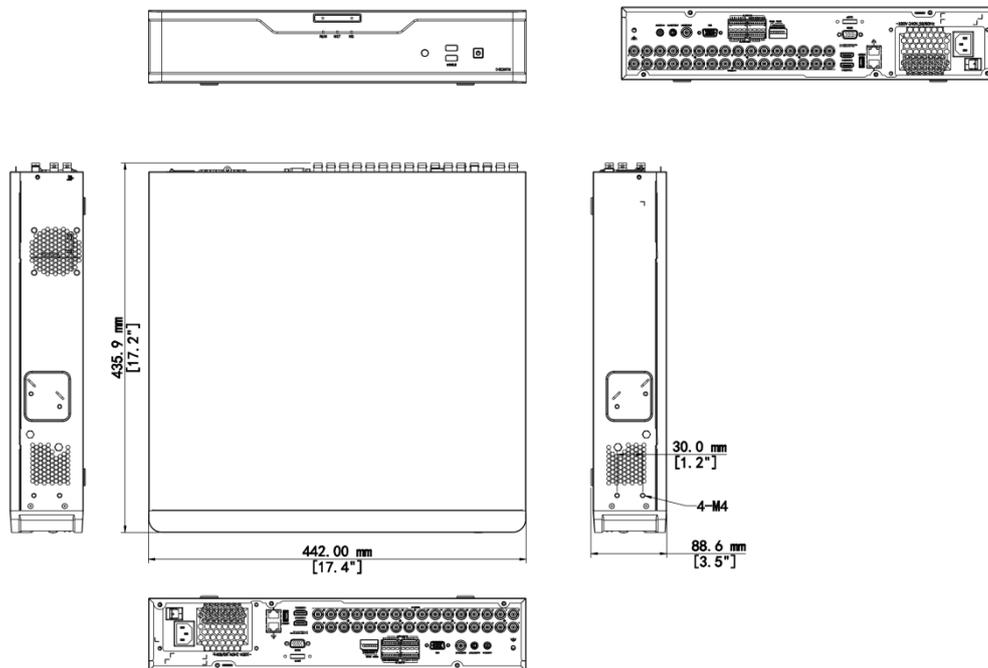- Support mainstream cameras of ONVIF and RTSP protocol

1

Specifications

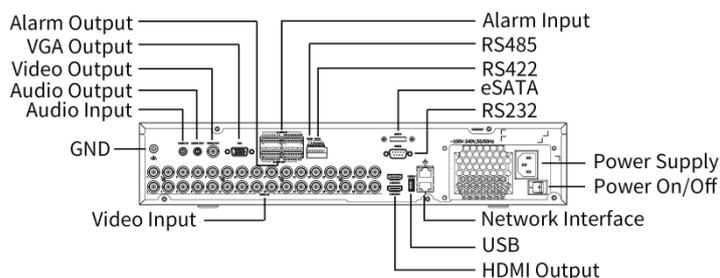| Model	XVR308-32Q3
Video/Audio Input	
IP Video Input	4-ch
Analog Video Input	32-ch, BNC
Max IP Video Input	36-ch
Supported Analog Camera Types	Support AHD input: 8MP@15fps 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support TVI input: 8MP@15fps 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support CVI input: 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	
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 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	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
	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
Hard Disk	
SATA	8 SATA interfaces
Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)
External Interface	
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
Working Environment	
Working Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 45W
Dimensions	
Weight (without HDD)	≤6.0 Kg (13.23lb)
Height	2U
Dimensions	442.0mm × 435.9mm × 88.6mm (17.4" × 17.2" × 3.5")
Certification	
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2
FCC	Part15 Subpart B

Dimensions

435.9 mm [17.2"]

30.0 mm [1.2"]

4-M4

442.00 mm [17.4"]

88.6 mm [3.5"]

Rear Panel

Alarm Output
VGA Output
Video Output
Audio Output
Audio Input
GND

Video Input

Alarm Input
RS485
RS422
eSATA
RS232

Power Supply
Power On/Off

Network Interface
USB
HDMI Output

Zhejiang Uniview Technologies Co., Ltd.

http://www.uniview.com

overseasbusiness@uniview.com; globalsupport@uniview.com

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China