Digital Video Recorder

XVR302-Q4 Series

Ultra 265

NDAA COMPLIANT

NDAA Compliant

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
- 16/32-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
- Supports two-way audio when paired with specific front-end analog cameras.（UAC-B142-ACF28LM-DL, UAC-B142-ACF40LM-DL, UAC-T142-ACF28LM-DL, UAC-T142-ACF40LM-DL）

Specifications

Model	XVR302-16Q4	XVR302-32Q4
Video/Audio Input		
IP Video Input	8-ch	4-ch
Analog Video Input	16-ch, BNC	32-ch, BNC
Max IP Video Input	24-ch	36-ch
Supported Analog Camera Types	Support AHD input: 8MP@15fps 5MP@20fps 5MP@12fps 4MP@30fps 4MP@25fps 4MP@15fps 1080P@30fps 1080P@25fps 720P@30fps 720P@25fps Support TVI input: 8MP@15fps 8MP@12fps 3K@20fps 5MP@20fps 5MP@12fps 4MP@30fps 4MP@25fps 4MP@15fps 1080P@30fps 1080P@25fps 720P@30fps 720P@25fps Support CVI input: 8MP@15fps 8MP@12fps 5MP@25fps 5MP@20fps 4MP@30fps 4MP@25fps 1080P@30fps 1080P@25fps 720P@30fps 720P@25fps Support CVBS input	
BNC Audio Input	16-ch, channel audio	32-ch, channel audio

RCA Audio Input	1-ch	
3.5mm Audio Input	N/A	
Video/Audio Output		
Video Output	Support 1-ch CVBS output, 1-ch HDMI, 1-ch VGA, VGA and HDMI simultaneous 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	
HDMI Standard	HDMI 1.4	
BNC Video Output	1-ch	
BNC Audio Output	16-ch, channel audio	32-ch, channel audio
RCA Audio Output	1-ch	
3.5mm Audio Output	N/A	
Live View Display	HDMI/VGA: 1/4/6/8/9/16/25	HDMI/VGA: 1/4/6/8/9/16/25/36
Default Num of Live Screen	VGA: 16; HDMI: 16	VGA: 36; HDMI: 36
Playback Screen	1/4/9/16	
Encoding/Decoding		
Recording Resolution	8MP Lite/3K Lite@12/5MP Lite/4MP Lite/1080P/720P/D1	
Recording Frame Rate	Main stream: 8MP Lite@8fps Sub stream: D1@8fps Third Stream: CIF@8fps Main stream: 3K Lite@12fps Sub stream: D1@12fps Third Stream: CIF@12fps Main stream: 5MP@6fps Sub stream: D1@6fps Third Stream: CIF@6fps Main stream: 5MP Lite@12fps Sub stream: D1@12fps Third Stream: CIF@12fps Main stream: 4MP@15fps Sub stream: D1@15fps Third Stream: CIF@15fps Main stream: 4MP Lite@15fps Sub stream: D1@15fps Third Stream: CIF@15fps Main stream: 1080P@15fps Sub stream: D1@15fps Third Stream: CIF@15fps Main stream: 720P@30fps Sub stream: D1@30fps Third Stream: CIF@30fps	
Audio Sample Rate	8 kHz, 16 bit per channel	
Audio Bit Rate	64 Kbps per channel	
Decoding Capability	Analog: 16 x 8MP Lite@8, 16 x 3K Lite@12, 16 x 5MP@6, 16 x 5MP Lite@12, 16 x 4MP@15, 16 x 1080P@15, 16 x 720P@30	Analog: 32 x 8MP Lite@8, 32 x 3K Lite@12, 32 x 5MP@6, 32 x 5MP Lite@12, 32 x 4MP@15, 32 x 1080P@15, 32 x 720P@30

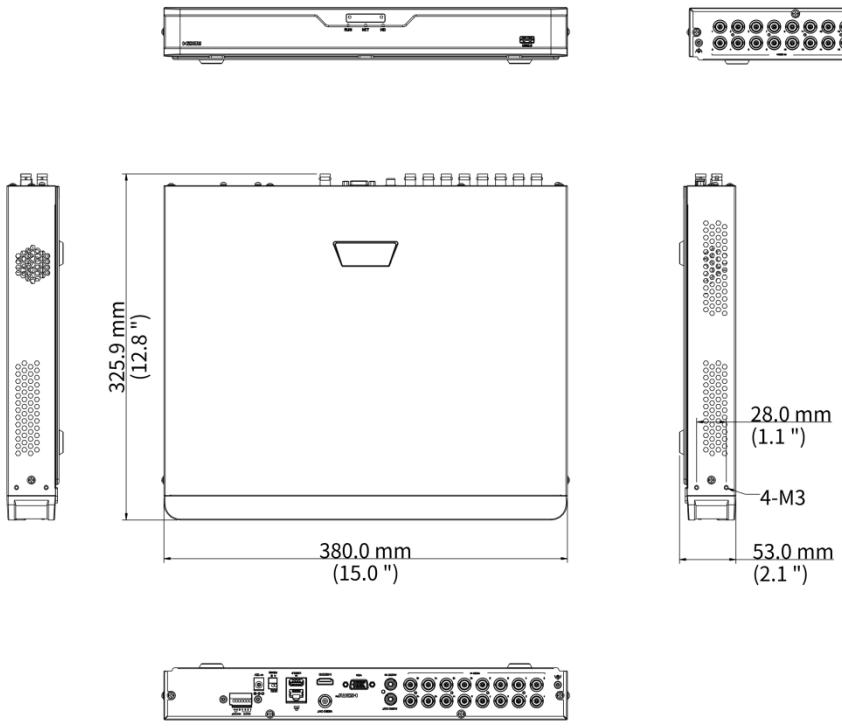
	IP: 2 x 8MP@30, 2 x 6MP@30, 3 x 5MP@30, 4 x 4MP@30, 5 x 3MP@30, 8 x 1080P@30, 16 x 720P@30, 32 x D1@30	IP: 2 x 8MP@30, 2 x 6MP@30, 3 x 5MP@30, 4 x 4MP@30, 5 x 3MP@30, 8 x 1080P@30, 16 x 720P@30, 32 x D1@30
Num of Concurrent Playback	32-ch	
Num of Concurrent Playback in Local	16-ch	
Coaxial Cable		
Analog camera Upgrade over Coaxial Cable	Support	
Audio over Coaxial Cable(Form)	16-ch, One-way Audio(TVI)	32-ch, One-way Audio(TVI)
Two-way Audio		
Two-way Audio	1-ch (with IP Camera or Analog Camera)	
Analog Snapshot		
FTP/Schedule/Event Snapshot	24-ch snapshot (max. 8 MP (3840 × 2160) video resolution, with 4CIF snapshot resolution)	
Network		
Incoming Bandwidth	80Mbps	
Outgoing Bandwidth	160Mbps	
Max users can be added	32	
Remote Users	128	
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, HTTP, DNS, DDNS, SMTP, HTTPS	
Browser(Plugin)	IE10, IE11, Chrome 45+, Edge 79+, Firefox 52+	
Browser(Plugin-Free)	Chrome 57+, Edge 16+, Firefox 58+, Safari 11+	
Smart		
Analog Smart by XVR	Ultra Motion Detection (UMD) , Face Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area)	
IP Smart by IPC	Face Detection, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Defocus Detection, Scene Change Detection, Object Removed, Object Left Behind, Auto Tracking, People Flow Counting	
VCA Search	Face Search, Behavior Search, People Counting Report	
Smart Functions by XVR	2-ch (Face Detection)|4-ch (SIP)|16-ch (UMD)	2-ch (Face Detection)|8-ch (SIP)|16-ch (UMD)
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	2 SATA interfaces	
Capacity	Up to 24 TB for each HDD (The maximum HDD capacity varies with environment temperature and hard disk size, The environment temperature for use should not exceed 40°C.)	
Disk Group	Support	
External Interface		
Network Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet Interface	
Network Working Mode	Single port, not involved	
USB	Front panel: 1 × USB2.0, Rear panel: 1 × USB3.0	
RS485	1	
RS232	N/A	
Alarm In	4-ch	
Alarm Out	1-ch	
Power Supply	DC 12V/3.3 A	DC 12 V/5 A
Power Switch	N/A	
Redundant Power Supply	N/A	
Buzzer	Support	
Working Environment		
Working Temperature	-10 ℃ to 55 ℃ (14 ℉ to 131 ℉)	
Working Humidity	≤ 95% RH (non-condensing)	
Power Consumption (without HDD)	≤ 12W	≤ 38W
Heat Radiation	Radiator	
Dimensions		
Dimensions	380mm x 325.9mm x 53mm (15.0" x 12.8" x 2.1")	
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	
Compliance		
NDAA Compliant	Support	
Feature supported		
Cruise lines num of each camera	4	
Preset num	32	
N+1 Hot Spare	N/A	
Fisheye Dewarping by IPC	N/A	
Fisheye Dewarping by NVR (Local)	N/A	
ANR	Support	
Downlink ONVIF	Support (Profile S)	
Uplink ONVIF	N/A	
UCS(Web socket)	N/A	

NAS	Support
Ucode Basic Mode(Analog)	Support
Ucode Basic Mode(IPC)	Support
Ucode Advanced Mode(Analog)	Support
Ucode Advanced Mode(IPC)	Support
POS	N/A
Control the Dual-light of UNV Analog Cameras under TVI	Support
Output Mode	Support

Dimensions

Aggregate product size diagram using XVR302-16Q4 as an example



Unlimited New View

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