Digital Video Recorder

XVR302-Q4 Series



Ultra 265

NDAA COMPLIANT

NDAA Compliant

Features

- Supports H.265/H.264 video formats
- Supports audio over coaxial cable (only for TVI cameras)
- Supports TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 16/32-channel BNC input
- Supports 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	XVR302-32Q4
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, 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	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	32-ch, channel audio
RCA Audio Output	1-ch
3.5mm Audio Output	N/A
Live View Display	HDMI/VGA: 1/4/6/8/9/16/25/36
Default Num of Live Screen	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: 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
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)	32-ch, One-way Audio (TVI UNV)/One-way Audio (CVI UNV)
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) |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 16 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 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)	≤ 38W
Heat Radiation	Radiator
Dimensions	
Weight (without HDD)	≤2.1 Kg (4.6lbs)
Height	1U

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

