

Digital Video Recorder

XVR301-08Q4-NB



Ultra
265

ONVIF

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
- . 4/8/16-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

Model	XVR301-08Q4-NB
Video/Audio Input	
IP Video Input	4-ch
Analog Video Input	8-ch, BNC
Max IP Video Input	12-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	8-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	8-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
Default Num of Live Screen	VGA: 8; HDMI: 8
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: 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: 8 x 8MP Lite@8, 8 x 3K Lite@12, 8 x 5MP@6, 8 x 5MP Lite@12, 8 x 4MP@15, 8 x 1080P@15, 8 x 720P@30 IP: 1 x 8MP@30, 1 x 6MP@30, 1 x 5MP@30, 2 x 4MP@30, 2 x 3MP@30, 4 x 1080P@30, 8 x 720P@30
Num of Concurrent Playback	16-ch
Num of Concurrent Playback in Local	8-ch
Coaxial Cable	

Analog camera Upgrade over Coaxial Cable	Support
Audio over Coaxial Cable(Form)	8-ch, One-way Audio(TVI UNV)/One-way Audio(CVI UNV)
Two-way Audio	
Two-way Audio	1-ch (with IP Camera or specific Analog Camera)
Analog Snapshot	
FTP/Schedule/Event Snapshot	Schedule/FTP/Event snapshot:12-ch snapshot, up to 3840*2160 resolution
Network	
Incoming Bandwidth	40Mbps (Up to 56Mbps after all analog channel conversion)
Outgoing Bandwidth	64Mbps
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	1-ch (Face Detection), 4-ch (SIP), 8-ch (UMD)
Alarm	
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	1 SATA interface
Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)
Disk Group	Support
External Interface	
Network Interface	1 RJ45 10 M/100 M self-adaptive Ethernet Interface
Network Working Mode	Single port, not involved
USB	Rear panel: 2 × USB2.0
RS485	1
RS232	N/A

Alarm In	4-ch
Alarm Out	1-ch
Power Supply	DC 12 V/2 A
Power Switch	N/A
Redundant Power Supply	N/A
Buzzer	Support
Working Environment	
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption (without HDD)	≤ 8W
Heat Radiation	Radiator
Dimensions	
Dimensions	260mm × 226mm × 46.6mm (10.2" x 8.9" x 1.8")
Certification	
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55 032, EN 61 000-3-3, EN IEC 61 000-3-2, EN 55 035
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
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

