

Digital Video Recorder XVR301-08Q3



Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable (Only for Uniview CVI protocol cameras)
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 8-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
- Support mainstream cameras of ONVIF and RTSP protocols

Specifications

Model	XVR301-08Q3
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, 4MP@30fps, 1080P@30fps, 720P@30fps Support TVI input: 8MP@15fps, 3K@20fps, 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	8-ch, channel audio
RCA Audio Input	1-ch
Video/Audio 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
BNC Video Output	1-ch
RCA Audio Output	1-ch
Live View Display	HDMI/VGA: 1/4/6/8/9/16
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: 3K Lite@12fps Sub stream: D1@12fps 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: 8 x 8MP Lite@8, 8 x 3K Lite@12, 8 x 5MP Lite@12, 8 x 4MP Lite@15, 8 x 1080P@15 IP: 1 x 8MP@30, 2 x 4MP@30, 4 x 1080P@30
Two-way Audio	
Two-way Audio	1-ch (with IP Camera)
Analog Snapshot	
FTP/Schedule/Event Snapshot	Schedule/FTP/Event snapshot:8-ch snapshot, up to 3840*2160 resolution
Network	
Incoming Bandwidth	40Mbps (Up to 56Mbps after all analog channel conversion)
Outgoing Bandwidth	64Mbps
Remote Users	128

Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP, NTP	
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, SIP (Intrusion Detection, Cross Line Detection, Enter Area, Leave Area), Defocus Detection, Scene Change Detection, Object Removed, Object Left Behind, Auto Tracking	
VCA Search	Face Search, Behavior Search, People Counting Report	
Smart Functions by XVR	4-ch (UMD) 2-ch (SIP) 1-ch (Face Detection)	8-ch (UMD) 2-ch (SIP) 1-ch (Face Detection)
Smart Functions by IP Camera	2-ch (SIP), All channels (up to 4 images/s in total) Face Detection	
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	1 SATA interface	
Capacity	Up to 16 TB for each HDD (The maximum HDD capacity varies with environment temperature)	
External Interface		
Network Interface	1 RJ45 10 M/100 M self-adaptive Ethernet Interface	
USB	Rear panel: 2 × USB2.0	
RS485	1	
Alarm In	4-ch	
Alarm Out	1-ch	
Power Supply	DC 12 V/2 A	
Working Environment		
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)	
Working Humidity	≤ 90% RH (non-condensing)	
Power Consumption (without HDD)	≤ 10W	
Dimensions		
Weight (without HDD)	≤1.1 Kg (2.42lb)	
Dimensions	260mm ×226mm× 47mm (10.2" × 8.9"×1.8")	
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	

