

Digital Video Recorder

XVR302-16U3



Features

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

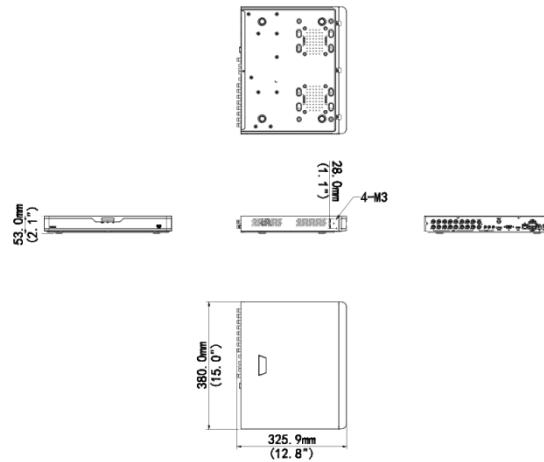
Specifications

Video/Audio Input	Description
IP Video Input	16-ch
Analog Video Input	16-ch, BNC
Max IP Video Input	32-ch
Supported Analog Camera Types	Support AHD input: 8MP@15fps 5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support TVI input: 8MP@15fps

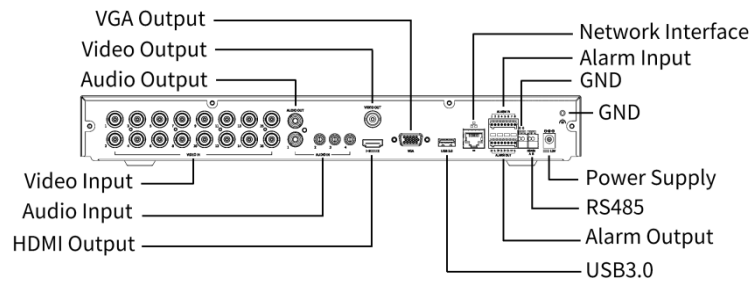
	5MP@20fps 4MP@30fps 1080P@30fps 720P@30fps Support CVI input: 8MP@15fps 5MP@25fps 4MP@30fps 1080P@30fps 720P@30fps Support CVBS input
BNC Audio Input	16-ch, channel audio
RCA Audio Input	4-ch
Video/Audio Output	Description
HDMI Output	HDMI:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
BNC Video Output	1-ch
RCA Audio Output	1-ch
Live View Display	HDMI/VGA: 1/4/6/8/9/25/32
Encoding/Decoding	Description
Recording Resolution	8MP/5MP/4MP/1080P/720P/D1
Recording Frame Rate	Main stream: 8MP@8fps Sub stream: D1@8fps Main stream: 5MP@12fps Sub stream: D1@12fps Main stream: 4MP@15fps Sub stream: D1@15fps Main stream: 1080P@25fps Sub stream: D1@25fps Main stream: 720P@30fps Sub stream: D1@30fps
Audio Sample Rate	8KHz,16 bit per channel
Audio Bit Rate	64Kbps per channel
Decoding Capability	Analog: 8 x 8MP @8, 8 x 5MP @12, 8 x 4MP @15, 8 x 1080P@25, 16 x 720@30 IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
Coaxial Cable	Description
Audio over Coaxial Cable(Form)	16-ch, One-way Audio(TVI)
Two-way Audio	Description
Two-way Audio	1-ch, RCA(Using the audio input and output)
Analog Snapshot	Description
FTP/Schedule/Event Snapshot	Schedule/FTP/Event snapshot:16-ch snapshot, up to 704*576 resolution
Network	Description
Incoming Bandwidth	80 Mbps (Up to 112 Mbps after all analog channel conversion)
Outgoing Bandwidth	160Mbps
Remote Users	128

Protocols	TCP/IP;P2P;UPnP;DHCP;HTTP;HTTPS;DNS;DDNS;SMTP
Browser(Plugin)	Windows:IE(IE10/11),Firefox (version 52.0 and above),Chrome(version 45 and above),Edge(version 79 and above)
Smart	Description
Analog Smart by XVR	Ultra Motion Detection(UMD) ;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
VCA Search	Face Search;Behavior Search
Smart Functions by XVR	16-ch(UMD), 8-ch(SIP)
Alarm	Description
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
Hard Disk	Description
SATA	2 SATA interfaces
Capacity	Up to 8TB for each HDD (The maximum HDD capacity varies with environment temperature)
External Interface	Description
Network Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet Interface
USB	Rear panel: 1 x USB3.0;Front panel: 1 x USB2.0
RS485	1
RS232	NA
Alarm In	8-ch
Alarm Out	4-ch
Power Supply	DC 12V/5A
Working Environment	Description
Working Temperature	-10° C ~ + 55° C (+14° F ~ +131° F)
Working Humidity	≤ 90% RH(non-condensing)
Power Consumption (without HDD)	≤ 38W
Dimensions	Description
Weight (without HDD)	≤2.3 Kg (5.07lb)
Dimensions	380mm × 326mm × 53mm (15.0" × 12.8"×2.1")
Certification	Description
Certification	CE, FCC, UL, RoHS, WEEE
CE	EN 55032, EN 61000-3-3, EN IEC 61000-3-2
FCC	Part15 Subpart B

Dimensions



Rear Panel



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