

# Digital Video Recorder

## XVR302-16U3



## Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable(TVI cameras)
- Control the dual-light of UNV analog cameras under TVI
- 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

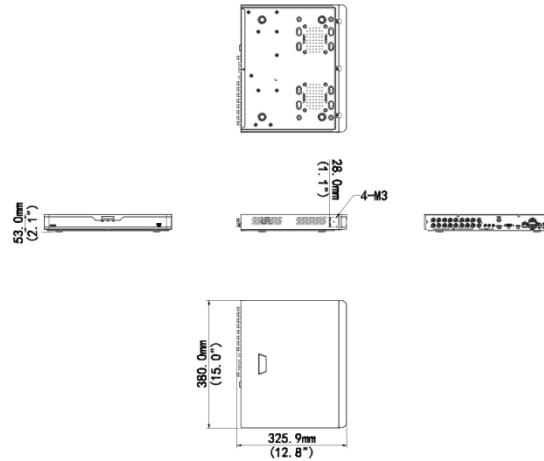
Video/Audio Input	Description
IP Video Input	16-ch
Analog Video Input	16-ch, BNC
Max IP Video Input	32-ch
Supported Analog Camera Types	Support AHD input: 8MP@15fps 5MP@20fps

	<p>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</p>
BNC Audio Input	16-ch, channel audio
RCA Audio Input	4-ch
<b>Video/Audio Output</b>	<b>Description</b>
HDMI Output	HDMI:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
VGA Output	VGA:1920x1080/60Hz, 1920x1080/50Hz, 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
<b>Encoding/Decoding</b>	<b>Description</b>
Recording Resolution	8MP/5MP/4MP/1080P/720P/D1
Recording Frame Rate	<p>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</p>
Audio Sample Rate	8 KHz, 16 bit per channel

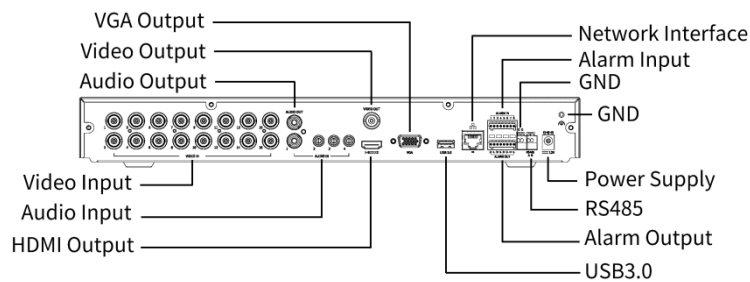
Audio Bit Rate	64Kbps per channel
Decoding Capability	Analog: 8 x 8MP@8, 8 x 5MP@12, 8 x 4MP@15, 8 x 1080P@25, 16 x 720@30 IP: 2 x 8MP@30, 4 x 4MP@30, 8 x 1080P@30, 16 x 720P@30
<b>Coaxial Cable</b>	Description
Audio over Coaxial Cable(Form)	16-ch, One-way Audio(TVI)
<b>Two-way Audio</b>	Description
Two-way Audio	1-ch, RCA(Using the audio input and output)
<b>Analog Snapshot</b>	Description
FTP/Schedule/Event Snapshot	Schedule/FTP/Event snapshot:16-ch snapshot, up to 704*576 resolution
<b>Network</b>	Description
Incoming Bandwidth	80Mbps (Up to 112Mbps 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)
<b>Smart</b>	Description
Analog Smart by XVR	SIP(Intrusion Detection, Cross Line Detection, Enter Area, Leave Area); Face Detection; Ultra Motion Detection(UMD)
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); 2-ch(Face Detection)
<b>Alarm</b>	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
<b>GUI Language</b>	Description
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	Description
SATA	2 SATA interfaces
Capacity	Up to 16TB 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	N/A
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, EN 50130
FCC	Part15 Subpart B

## Dimensions



## Rear Panel



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