



VIS-D3B-16

16 Ch + 8 Bonus IP Ch (Up to 24 Cameras Total) Universal Port Lite Recorder with Smart Analytic Support and Audio over Coax (AoC), 2 HD Bays

Features

- 16 Channel Universal Port Lite DVR (TVI/AHD/CVI/Analog/IP)
- Supports up to 8 Megapixel for TVI/AHD/CVI, CVBS
- 8 Bonus IP Channels - Up to 8 Megapixel
- Analog Smart Analytic Support: 16 Ch: Use Ultra Motion Detection (UMD) for enhanced human and vehicle detection OR Smart Intrusion Protection (SIP) powered by AI, delivering superior accuracy in detecting humans and both motorized and non-motorized vehicles.
- Smart Analytic Support with Compatible IP Camera: 16 Ch (UMD), 4 Ch (SIP). 16 Ch Total - 16 Channels (UMD): Ultra Motion Detection for enhanced human and vehicle recognition. - 4 Channels (SIP): Smart Intrusion Protection powered by AI, delivering superior accuracy in detecting humans and both motorized and non-motorized vehicles.
- Supports Audio over Coax (AoC)
- H.265/H.264 Video Compression
- P2P Vision Stream Connect for Networking
- HDMI up to 4K
- Simultaneous HDMI/VGA up to 1080p Resolution
- Cloud Upgradable
- Supports up to 16 Channel Simultaneous Playback
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software(CMS) for PC/MAC
- NDAA Compliant

Model	VIS-D3B-16
Video/Audio Input	
IP Video Input	8-ch
Analog Video Input	16-ch, BNC
Max IP Video Input	24-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	16-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	16-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
Default Num of Live Screen	VGA: 16; HDMI: 16
Playback Screen	1/4/9/16

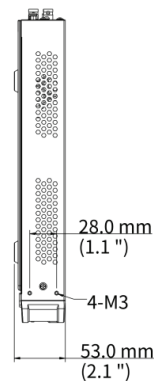
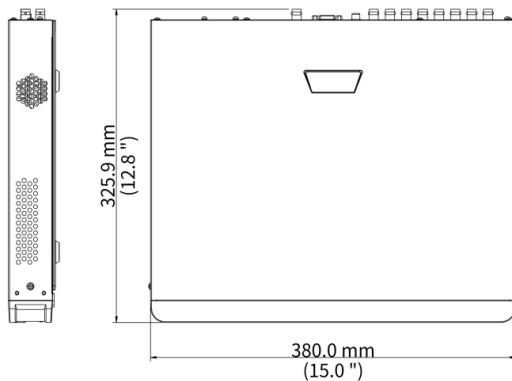
Encoding/Decoding	
Recording Resolution	8MP Lite/3K Lite@12/5MP Lite/4MP Lite/1080P/720P/D1
Recording Frame Rate	Main stream: 8MP Lite@8fps Sub stream: D1@12fps Third Stream: CIF@8fps Main stream: 3K Lite@12fps Sub stream: D1@12fps Third Stream: CIF@12fps Main stream: 5MP@6fps Sub stream: D1@6fps Third 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: 16 x 8MP Lite@8, 16 x 3K Lite@12, 16 x 5MP@6, 16 x 5MP Lite@12, 16 x 4MP@15, 16 x 1080P@15, 16 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)	16-ch, One-way Audio(TVI Vision)/One-way Audio(CVI Vision)
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), 4-ch (SIP), 16-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	2 SATA interfaces
Capacity	Up to 24 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

Ordering Information

VIS-D3B-16: 16 Ch + 8 Bonus IP Ch Universal Port Recorder

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RS232	N/A
Alarm In	4-ch
Alarm Out	1-ch
Power Supply	DC 12V/3.3 A
Power Switch	N/A
Redundant Power Supply	N/A
Buzzer	Support
Working Environment	
Working Temperature	14°F ~ 131°F (-10°C ~ 55°C)
Working Humidity	≤ 95% RH (non-condensing)
Power Consumption (without HDD)	≤ 12W
Heat Radiation	Radiator
Dimensions	
Dimensions	15.0 x 12.8 x 2.1" (380 x 325.9 x 53mm)
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
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	Support
Mode (Analog)	
Ucode Advanced Mode (IPC)	Support
POS	N/A
Control the Dual-light of Vision Analog Cameras under TVI	Support
Output Mode	Support



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