



VIGILANT PERFORMANCE SERIES



ALIBI PERFORMANCE SERIES 16-CHANNEL ULTRA H.265 NVR

Key Specifications:

- + Up to 16 IP cameras can be connected
- + Powered by the MStar chipset that meets federal government NDAA compliance requirements
- + Support up to 16.0 MP recording resolution
- + Simultaneous playback capability: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 960P@25
- + Integrated 16-port PoE switch
- + 4 hard drive bay @ 10TB
- + 320Mbps recording capability
- + Supports 4K HDMI and 1080 VGA Independent outputs
- + Ultra H.265/H.264 codec support
- + One-click Cloud firmware updating

The Alibi Vigilant Performance Series 16-Channel NVR supports up to 16 IP cameras, four hard drive bay up to 10TB, and an incoming bandwidth of 320 Mbps. With a recording resolution of up to 16.0 MP, it delivers ultra-sharp, high-resolution images.

- + **Includes MStar chipset** which meets federal government compliance requirements
- + **Ultra compression technology** - this NVR supports Ultra H.265, H.265, and H.264 video codecs that help reduce file size, maximize recording time, and save hard drive space.
- + **Easy plug-and-play** - integrated 16-port PoE switch supports 802.3af/at, reducing the need for additional network switches. This NVR offers plug-and-play auto-connect features for compatible Alibi cameras. Install your cameras where you need them most without the need for a nearby power outlet.
- + **Smart VCA detection** - this versatile recorder allows multiple selectable recording modes: intrusion, cross line, defocus and scene change detection, and VCA search. Recording features include event search, event log, and email notification.
- + **Intuitive interface** - everything you need to manage your system at your fingertips. With an intuitive interface and access to the free ALIBI® Vigilant Mobile App and ALIBI® Vigilant CMS, managing your network has never been simpler. It's loaded with powerful features: drag-and-drop system and camera selection, customizable displays, device grouping, alarms and notifications, and remote system management.



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SPECIFICATIONS

VIDEO/AUDIO INPUT

| | |
|----------------|-----------|
| IP Video Input | 16-ch |
| Audio Input | 1-ch, RCA |

NETWORK

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|--------------------|--|
| Incoming bandwidth | 320Mbps |
| Outgoing bandwidth | 160Mbps |
| Remote Users | 128 |
| Protocols | TCP/IP,P2P,UPnP,NTP,DHCP,PPPoE,HT TP,HTTPS,DNS,DDNS,SNMP,SMTP,RTS P,802.1x,IPV6 |
| Browser | IE(IE10/11) for Windows Firefox (version 52.0 and above) for Windows Chrome(version 45 and above) for Windows Edge(version 79 and above) for Windows |

VIDEO/AUDIO OUTPUT

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|----------------------|---|
| HDMI/VGA Output | HDMI: 4K (3840x2160)@30, 1920x1080p@60, 1920x1080p@50, 1600x1200@60, 1280x1024@60, 1280x720@60, 1024x768@60 VGA: 1920x1080p@60, 1920x1080p@50, 1280x1024@60, 1600x1200@60, 1280x720@60, 1024x768@60 |
| Recording Resolution | 16MP/12MP/8MP/6MP/5MP/4MP/3MP/ 1080p/960p/720p/D1/2CIF/CIF |
| Audio Output | 1-ch, RCA |
| Two-way Audio | 1-ch, RCA(Using the audio input and output) |
| Audio Compression | G.711A, G.711U |
| Synchronous Playback | 16-ch |
| Liveview display | 1/4/6/8/9/16 |
| Corridor Mode Screen | 3/4/5/7/9/10/12/16 |

SNAPSHOT

| | |
|--------------------------------|------------------------------------|
| FTP/Schedule/Event Snapshot | 4-ch snapshot, up to D1 resolution |
|--------------------------------|------------------------------------|

DECODING

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|--------------------|---|
| Decoding format | Ultra 265/H.265/H.264 |
| Live view/Playback | 16MP/12MP/8MP/6MP/5MP/4MP/3MP/ 1080p/960p/720p/D1/2CIF/CIF |
| Capability | Ultra 265/H.265: 2 x 16MP@30, 2 x 12MP@30, 4 x 4K@30, 6 x 5MP@30, 8 x 4MP@30, 10 x 3MP@30, 16 x 1080P@30, 32 x 960P@25 H.264: 2 x 16MP(4800 x 2688)@30, 2 x 12MP@30, 2 x 4K@30, 4 x 5MP@30, 6 x 4MP@30, 8 x 3MP@30, 14 x 1080P@30, 30 x 720P@30, 32 x D1 |

HARD DISK

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|----------|--------------------------|
| SATA | 4 SATA interfaces |
| Capacity | Up to 10TB for each disk |

SMART

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|--|---|
| VCA Detection by Camera | Vehicle Detection, Intrusion Detection, Cross Line Detection, Enter Area, Leave Area, Temperature Detection(Fire Detection, Smoking Detection, Temperature Measurement, Smoke and Fire Detection), UMD(Ultra Motion Detection), Video Metadata, Traffic Monitoring |
| VCA Search | Motor Vehicle Search, Non-Motor Vehicle Search, Human Body Search, General Search, People Counting Report |
| People Counting | People Flow Counting, Crowd Density Monitoring |
| Smart Intrusion Prevention (SIP), Vehicle Detection, UMD, Video Metadata by Camera | Total 8-ch |

GENERAL ALARM

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|---------------|--|
| General Alarm | Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection |
| Alert Alarm | IP Conflict, Network Disconnected, Disk Offline , Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal |

SPECIFICATIONS

EXTERNAL INTERFACE

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|-------------------|---|
| Network Interface | 1 RJ-45 10M/100M/1000M self-adaptive Ethernet Interface |
| USB Interface | Front: 1 x USB2.0, Rear panel: 1 x USB3.0 |
| RS232 | NA |
| RS485 | 1 |
| Alarm In | 16-ch |
| Alarm Out | 4-ch |

POE

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|--------------------|---|
| Interface | 16 RJ45 10M/100M self-adaptive Ethernet Interface |
| Max Power | Max 30W for single port, Max 150W in total |
| Supported Standard | IEEE 802.3af/at |

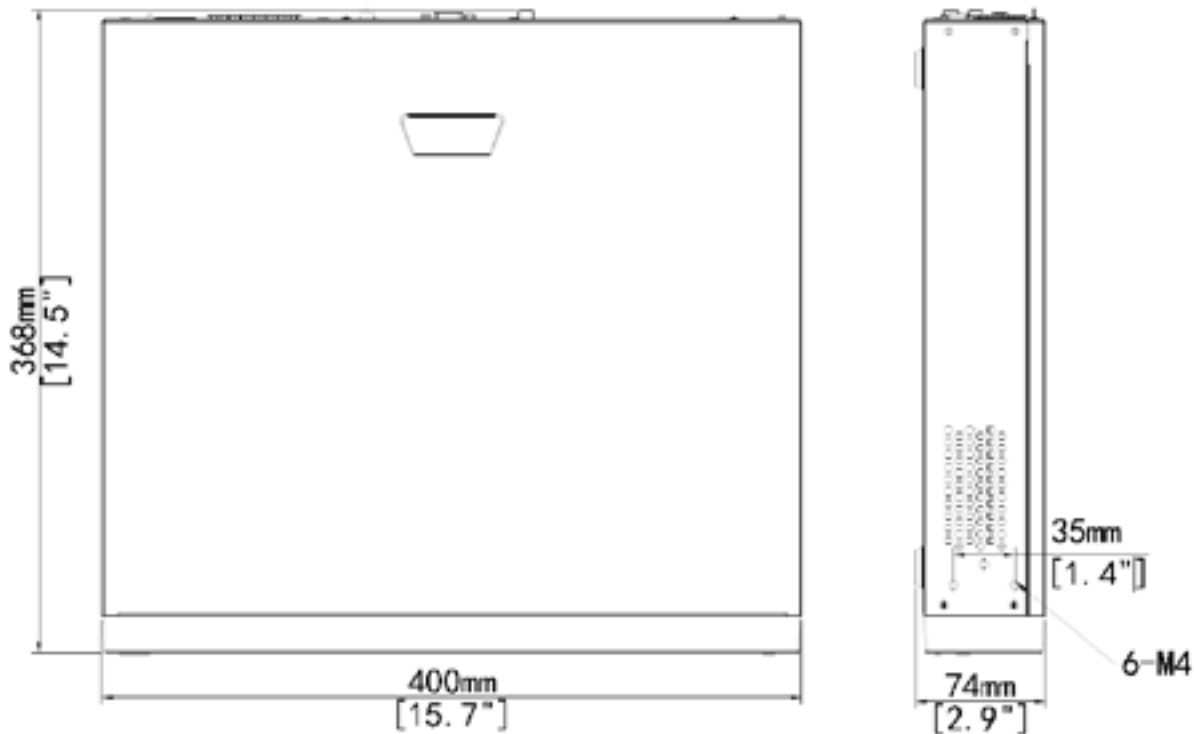
GENERAL

| | |
|----------------------|---|
| Power Supply | 100-240V AC Power Consumption: ≤ 20W (without HDD) |
| Working Environment | -10°C-+ 55°C (+14°F-+131°F), Humidity ≤ 90% RH (non-condensing) |
| Dimensions (W×D×H) | 400mm × 368mm × 74mm (15.7"×14.5"×2.9") |
| Weight (without HDD) | ≤ 4Kg (8.82lb) |
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CERTIFICATION

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|---------------|--|
| Certification | CE, FCC, UL, RoHS, WEEE |
| CE | EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035 |
| FCC | Part15 Subpart B |

DIMENSIONS



REAR PANEL

