ALIBI®

VIGILANT FLEX SERIES

# ALIBI VIGILANT FLEX 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
+ 2 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 Flex Series 16-Channel NVR supports up to 16 IP cameras, two hard drive bays 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.

****Hard drives not included.** We recommend purchasing security-grade hard drives optimized for surveillance functions from us, which we will install at no extra cost. Customer installed components (including hard drives) may damage your DVR and result in non-warranty repair costs. To calculate your storage needs, go to the Tools tab.

1st Choice Security & Investigations
TEXLIC: C16306

**1st Choice Security**
512-215-4377
http://1stchoicesecurity.alibidealer.com

# SPECIFICATIONS

## VIDEO/AUDIO INPUT

| | | | |
|---|---|---|---|
| IP Video Input | 8-ch | 16-ch | 32-ch |
| Audio Input | 1-ch, RCA | | |

## NETWORK

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

## VIDEO/AUDIO OUTPUT

| | |
|---|---|
| HDMI/VGA Output | HDMI:<br>4K (3840x2160)@30, 1920x1080p@60, 1920x1080p@50, 1600x1200@60, 1280x1024@60, 1280x720@60, 1024x768@60<br>VGA:<br>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 | 8-ch | 16-ch | 16-ch |
| Liveview display | 1/4/6/8/9 | 1/4/6/8/9/16 | 1/4/6/8/9/16/25/32 |
| Corridor Mode Screen | 3/4/5/7/9 | 3/4/5/7/9/10/12/16 | 3/4/5/7/9/10/12/16/32 |

## SNAPSHOT

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

## DECODING

| | |
|---|---|
| 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<br>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

| | |
|---|---|
| SATA | 2 SATA interfaces |
| Capacity | Up to 10TB for each disk |

## SMART

| | |
|---|---|
| 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, Traffic Monitoring by Camera | Total 8-ch |

## GENERAL ALARM

| | |
|---|---|
| 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

| | |
|---|---|
| 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 | 8-ch |
| Alarm Out | 2-ch |

### POE

| | | |
|---|---|---|
| Interface | 8 RJ-45 10M/100M self-adaptive Ethernet Interface | 16 RJ-45 10M/100M self-adaptive Ethernet Interface |
| Max Power | Max 30W for single port<br>Max 130W in total | Max 30W for single port<br>Max 240W in total |
| Supported Standard | IEEE 802.3af/at | |

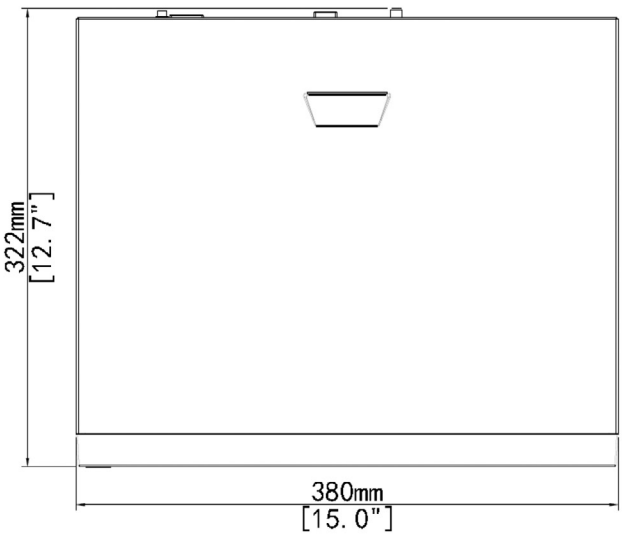
### GENERAL

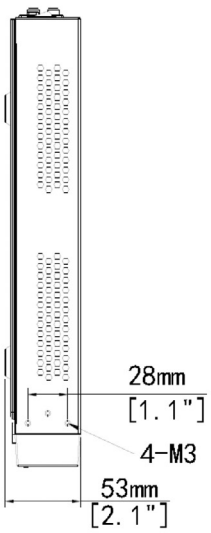
| | |
|---|---|
| Power Supply | 100-240V AC<br>Power Consumption: ≤ 20W (without HDD) |
| Working Environment | -10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing) |
| Dimensions (W×D×H) | 380mm × 322mm × 53mm (15.0″×12.7″×2.1″) |
| Weight (without HDD) | ≤ 2.6Kg (5.73lb) |

### 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 |

# DIMENSIONS





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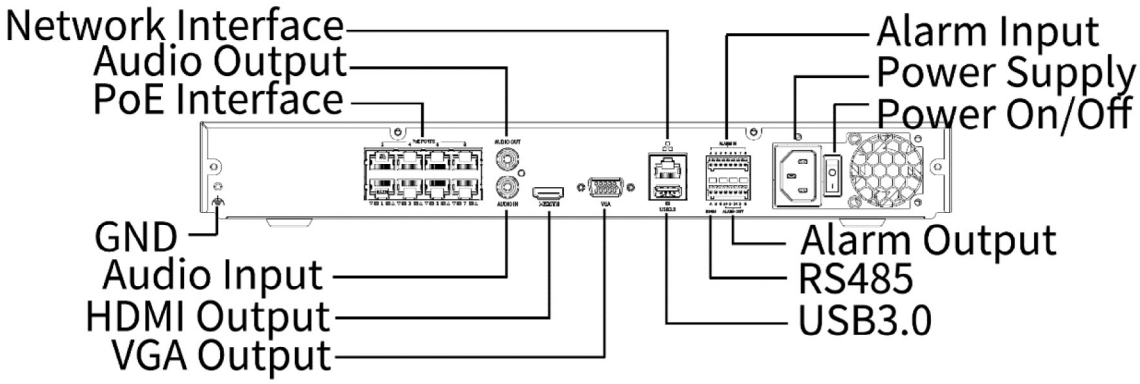
# REAR PANEL


Network Interface
Audio Output
PoE Interface
GND
Audio Input
HDMI Output
VGA Output
Alarm Input
Power Supply
Power On/Off
Alarm Output
RS485
USB3.0