



# ALIBI™

High Definition Surveillance



## 5100 SERIES 32-CHANNEL SWITCHBOX NVR

Powerful IP recording solution supports up to 32 network IP security cameras

- + Plug-and-play support for up to 16 compatible IP cameras through an integrated 16-port PoE network switch
- + Supports up to 16 additional IP cameras through a LAN connection
- + Central Management Software (CMS) - Manage up to 256 devices across multiple locations from a single platform
- + Supports up to 6.0 megapixel recording resolution
- + 16 alarm inputs and 4 alarm outputs
- + HDMI, VGA and CVBS local video outputs
- + Supports H.264 video streaming to reduce bandwidth and storage requirements
- + Supports up to 24TB of internal video storage (4 x 6TB hard drives)
- + Multiple selectable recording modes (continuous, motion detection, schedule and event)
- + Recording features: event search, event log, and email notification
- + Linux embedded operating system for added security and reliability
- + Free mobile app for viewing live and recorded video remotely (iOS and Android)
- + Features Alibi Power Tools, a collection of powerful utilities designed to streamline and simplify the installation, set-up, and management of your Alibi surveillance system.



## FEATURES

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# ALIBI SWITCHBOX NVR

5100 Series 32-Channel SwitchBox NVR

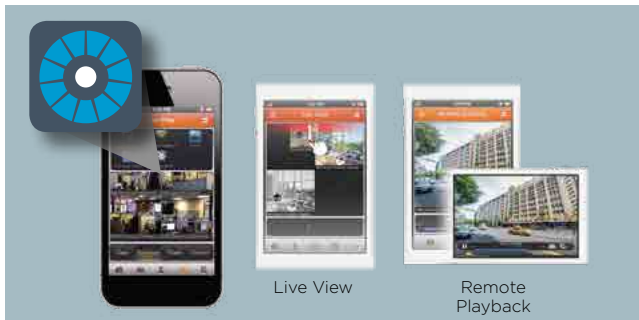
## FEATURES OF THE ALI-NVR5132P

**SwitchBox PoE** – Simplify installation. The SwitchBox NVR delivers an IP network recording solution—without the complexity. It features an integrated 4-port PoE (Power over Ethernet) network switch to power the IP network cameras directly through the network cable—eliminating the need to purchase a separate network switch.

**Selectable Recording Modes** – Maximize recording. The NVR offers multiple selectable recording options including continuous recording, motion detection and schedule to maximize your video recording and hard drive storage.

Note: Certain recording features and capabilities of NVRs, such as multiple codecs and motion detection, are dependent upon IP camera compatibility.

**H.264 Compression** – Record high resolution video and save storage space. H.264 compression can greatly reduce the size of your digital video files without compromising image quality (compared to M-JPEG and MPEG-4). It's a stable, proven and widely used compression technology, offering unbeatable recording picture quality and a small compression ratio that saves valuable hard drive storage space.



**FREE Mobile App** – Access your NVR remotely from anywhere with the free Witness iOS/Android mobile app.

**Technology Agnostic** – Support for multiple technologies. Alibi CMS is engineered to support all Alibi analog, HD Analog, and IP recording solutions – delivering unparalleled flexibility today, and as your surveillance needs evolve.

**Alibi Discovery Protocol (ADP)** – Discover devices on your network. Auto-discovers all Alibi recorders and cameras on your LAN. (You don't need to know the specific IP address for each device.)

**View Multiple Cameras** – View all allotted cameras on one screen. Conveniently view up to 64 live cameras on a single screen.

**Extensive Device Support** – Get support for hundreds of devices. Provides support for up to 256 devices with a maximum of 1024 channels.

**Customizable Screen Views** – Create a custom view. Customize viewing layouts and groups – mixing and matching cameras from multiple systems and multiple locations.

**Import Mapping** – Create a map of your location. Import a location map and add devices with visual icons to the map. Set up alerts for each device on the map and receive notifications via email.

**Full Calendar Search** – Search your video fast. Quickly narrow down your search criteria, selecting weeks or days – to one-minute segments, filtering by user-defined events.

**Smart Search** – Define a search area. Define an area within your image and search for motion only within that area – to quickly locate video of traffic through a doorway, activity near an object, or other events in a specific location.

**Video Tagging** – Tag an area of interest. Create video tags that represent events of interest (such as “shoplifting”) and search your video library to quickly access all tagged events at a later time.

**Instant Replay** – Replay intervals of video. Choose 30 seconds to 10-minute intervals of instant playback of recorded video. Choose your time interval and watch playback in the same pane without having to switch between live and playback screen.

**Two-Way Audio** – Communicate back-and-forth. Hear audio and communicate between two devices at two separate locations. No need to get on the phone!

**Alarm Control** – Receive an alert. Create notification alerts when physical alarms connected to the system are triggered by motion, an alarm input or video exceptions such as hard drive failures.

**Account Management** – Manage users and permissions. Create up to 50 users for the CMS and create and manage different types of users and permission. Restrict access and grant permissions to which cameras users at various locations can and cannot see, for a customized view by user.

**Full Calendar Search** – Quickly narrow down your search criteria. Search by calendar, selecting weeks or days, within specific time segments – down to one-minute segments. You can also search by events within a specified date or time segment.

**Smart Search** – Define an area within your image. Define and search for motion only within that area – to quickly locate video of traffic through a doorway, activity near an object, or other events in a specific location.

**Video Tagging** – Create video tags. Create tags that represent events of interest (such as “shoplifting”) and search your video library to quickly access all tagged events at a later time.



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## FEATURES

**Instant Replay** - Instantly switch to playback on a single camera. Switch to camera playback selecting 30 seconds to 10 minute intervals of recorded video, without having to switch between live and playback screens. Playback is displayed in the Main View and replaces live view stream with the instant replay of the camera, while still being able to see other cameras in live-view.

**Two-Way Audio** - Hear audio and communicate between two devices at two separate locations. No need to get on the phone! You can hear audio from a camera and choose to speak back either through a speaker connected to the DVR/HVR/NVR, or a speaker connected directly to a compatible IP camera.

**Alarm Control** - Create alerts. Create notification alerts when physical alarms connected to the system are triggered by motion, an alarm input or by video exceptions such as hard drive failures.

**Event Management** - Manage events and take action. Manage events when motion is detected, or triggered by an alarm input or device exception and take action. Receive an alert or an email in real-time when an illegal login occurs or an alarm is triggered.

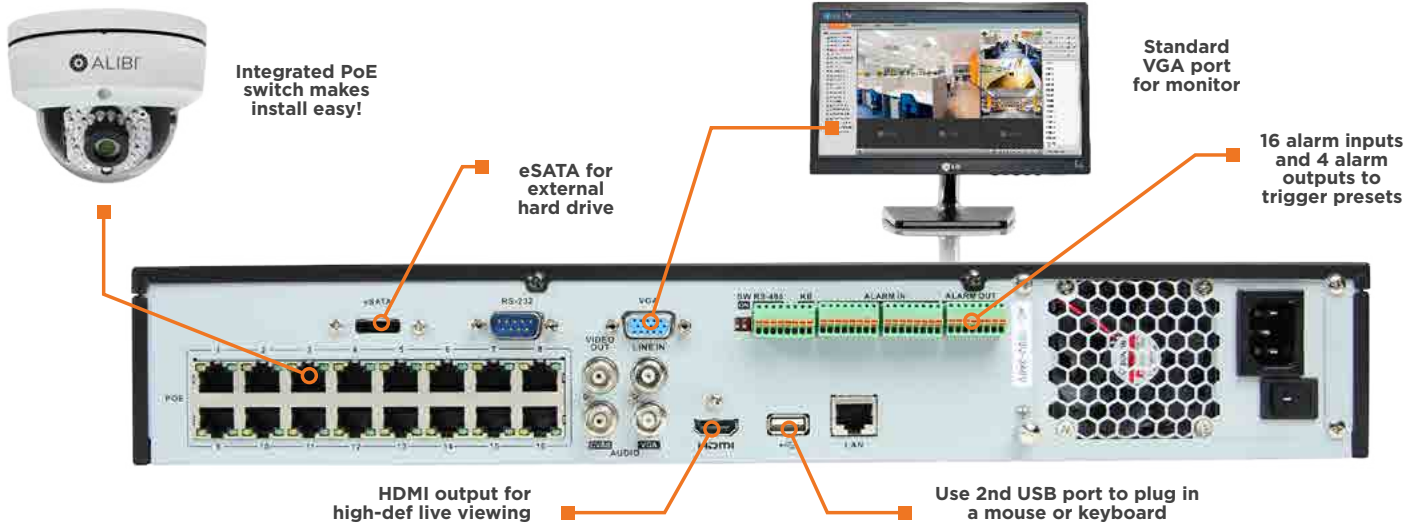
**Account Management** - Manage user roles and permissions. Create up to 50 users for the CMS and create and manage different user roles and permissions. Restrict access and grant permissions to which cameras users at various locations can and cannot see, for a customized view by user.



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## CAPABILITIES



## ALIBI WITNESS MOBILE APP

Remotely monitor the live video via wireless network, play back recorded video, and more!



Live View



Remote Playback



# ALIBI SWITCHBOX NVR

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## SPECIFICATIONS

### SPECIFICATIONS

Number of Channels Supported	32
Compression Format	H.264
Recording Performance	200 Mbps max
Remote Viewing Output Capacity	160 Mbps max
Recording Type	Continuous, Schedule, Alarm, Motion Detection
Supported IP Camera Resolution	5MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Supported Playback Resolution	5MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	16-ch, 720P / 8-ch, 1080P / 1-ch, 5MP
Video Output	VGA, HDMI, CVBS
Video Output Formats	1 channel (HDMI/VGA), resolution: 1920×1080P/60 Hz,1600×1200/60 Hz, 1280×1024/60 Hz, 1280×720/60 Hz, 1024×768/60 Hz 1 channel (CVBS), resolution: 704x480"
Audio Input	1-ch, BNC (2.0 Vp-p, 1kΩ)
Audio Output	2-ch, BNC (Linear, 600Ω)
Export Formats	.MP4
Ethernet	1x Gigabit RJ-45 self-adaptive Ethernet interface, 16 independent 10 /100 Mbps PoE Ethernet interfaces (200 W max output)"
USB	3x USB 2.0
Hard Drive Interface	4x SATA
Hard Drive Capacity	4x HDDs max., up to 4TB capacity per HDD
eSATA	1x eSATA interface
Serial Interface	1x RS-232; 1x RS-485
Alarm Input	16
Alarm Output	4
Operating System	Embedded Linux
Security	Password Protection
Protocols	IPv4, TCP/IP, UDP, HTTP, UPnP, RTSP/RTP/RTCP, SMTP, FTP, DHCP, NTP, DNS, ONVIF, HTTP multipart
Power Requirements	100 - 240 Vac, 6.3 A, 50 - 60 Hz
Power Consumption	≤ 40W
Weight	8.8 lbs. (without HDD)
Dimensions (in.)	17.5" W × 15.3" D × 2.8" H
Operating Temperature	14°F - 131°F
Color / Material	Black
Material	Aluminum
Approvals	CE, FCC, RoHS

### REMOTE CLIENT SYSTEM REQUIREMENTS

Operating System	Microsoft Windows 2000, 2003, XP, Vista, 7, 8 (32-bit and 64-bit version) / Linux 2.6+ / Apple MacOS X 10.5 (Intel x86 only), 10.6 and 10.7
Web Browser	Microsoft Internet Explorer 8.0, 9.0, 10, and 11 (32-bit version), Mozilla Firefox 13 and higher and 3.6, Safari 5 and higher, Google Chrome"
Software Requirements	Web Component Installation
Mobile Client OS Platform	iOS, Android (Alibi Witness)