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› Amcrest Blue Iris Professional Version 4 Instruction Manual

Amcrest BLUEIRIS

Amcrest Blue Iris Professional Version 4 Instruction Manual

Brand: Amcrest

Model: BLUEIRIS

1. PRODUCT OVERVIEW

Amcrest Blue Iris Professional is a software solution designed to transform a standard Windows PC into a comprehensive video surveillance system. It enables users to monitor and record video from various IP cameras, web cameras, and DVR/CCTV based cameras. The software supports simultaneous viewing and recording from up to 64 cameras, offering features such as motion-triggered, scheduled, or continuous 24-hour recording. It utilizes H.264 video compression to optimize storage space and bandwidth usage. The system provides peace of mind by allowing users to keep watch over their property, valuables, and loved ones.





The image displays the packaging for Amcrest Blue Iris Professional Surveillance Software. The box features a black surveillance camera with multiple infrared LEDs around its lens, positioned next to a laptop. The laptop screen shows a four-panel view of different surveillance scenarios, including an elderly person in a wheelchair, a baby in a crib, an outdoor scene, and a golden retriever puppy. The software is designed to turn a Windows PC into a professional video surveillance system, supporting up to 64 cameras simultaneously with H.264 video compression, email/text alerts, and compatibility with various IP camera brands.

2. KEY FEATURES

- **Video Capturing:** Record video with H.264 compression.
- **Multi-Camera Support:** Use up to 64 cameras simultaneously (webcams, camcorders, network IP cameras, analog cards, or your PC desktop).
- **Recording Formats:** Capture JPEG snapshots or movies in standard AVI, advanced DVR, or Windows Media file formats.
- **Flexible Recording:** Utilize motion detection, audio detection, or continuous recording.
- **Alerts:** Receive alerts via email, text message, or telephone.
- **Web Server:** Built-in web server for webcasting all cameras simultaneously.

- **Control:** Digital zoom and pan/tilt capabilities.
- **Compatibility:** Compatible with a vast majority of IP camera and DVR brands.

3. SETUP AND INSTALLATION

3.1 System Requirements

Ensure your Windows PC meets the following minimum requirements for optimal performance:

- Operating System: Windows (specific versions may vary, refer to product packaging).
- Processor: Adequate processing power for video encoding and multiple camera streams.
- RAM: Sufficient memory, especially when managing multiple cameras or high-resolution streams.
- Storage: Ample hard drive space for video recordings. H.264 compression helps reduce file sizes.
- Network: Stable internet connection for remote access and alerts.

3.2 Software Installation

1. **Insert Installation Media:** Insert the Blue Iris Professional CD into your computer's optical drive, or download the installer from the official Amcrest/Blue Iris website if a digital version was purchased.
2. **Run Installer:** Locate and double-click the setup file (e.g., setup.exe) to begin the installation process.
3. **Follow On-Screen Prompts:** Adhere to the instructions provided by the installation wizard. This typically involves accepting the license agreement, choosing an installation directory, and selecting components.
4. **Product Key Entry:** During installation, you will be prompted to enter the alphanumeric product key. This key is typically found inside the product packaging or provided with your digital purchase confirmation. Ensure the key is entered accurately.
5. **Complete Installation:** Once the installation is complete, you may be prompted to restart your computer. Save any open work and proceed with the restart if necessary.

Note: Ensure your product key is for Version 4 of Blue Iris Professional. Older version keys may not activate the latest software.

4. OPERATING INSTRUCTIONS

4.1 Adding and Managing Cameras

Blue Iris supports a wide range of IP cameras. To add a camera:

1. Launch the Blue Iris software.
2. Navigate to the camera setup section (usually accessible via a right-click on the main window or a dedicated menu option).
3. Select "New camera" and follow the prompts to enter the camera's IP address, port, username, and password.
4. Choose the correct camera brand and model from the list for optimal compatibility.
5. Test the connection to ensure the camera feed is displayed correctly.

4.2 Recording Options

Configure how Blue Iris records video:

- **Continuous Recording:** Records 24/7, storing all footage.
- **Motion-Triggered Recording:** Records only when motion is detected within the camera's view. Sensitivity and detection zones can be adjusted.
- **Scheduled Recording:** Set specific times or days for recording to occur.
- **Audio Recording:** Enable audio capture if your camera supports it.
- **H.264 Compression:** Ensure H.264 video compression is enabled in settings to save hard drive space.

4.3 Alert Configuration

Set up alerts for events such as motion detection:

- **Email Alerts:** Configure email settings to receive notifications with snapshots or short video clips.
- **Text Message Alerts:** Set up SMS notifications for immediate alerts.
- **Loudspeaker Alerts:** Utilize connected speakers for audible alerts.
- **Instant Message/Phone Call:** Explore advanced alert options within the software settings.

4.4 Remote Access and Web Server

Blue Iris includes a built-in web server for remote viewing:

- Enable the web server feature in the software settings.
- Configure port forwarding on your router to allow external access to your Blue Iris web server.
- Access your camera feeds remotely via a web browser or a compatible mobile application.
- Ensure strong passwords are set for all remote access accounts.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Blue Iris system:

- **Software Updates:** Periodically check for and install the latest software updates from the official Blue Iris website. Updates often include bug fixes, performance improvements, and new features.
- **Disk Space Management:** Monitor your hard drive space. Configure recording settings to automatically delete older footage or set limits to prevent the disk from filling up.
- **System Performance:** Blue Iris can be resource-intensive. Ensure your PC has adequate RAM and CPU resources. Close unnecessary applications to free up system resources. Consider upgrading hardware if performance issues persist.
- **Backup Configuration:** Regularly back up your Blue Iris configuration files. This allows for quick restoration of your settings in case of system failure or reinstallation.
- **Camera Firmware:** Keep your IP camera firmware updated. Refer to your camera manufacturer's instructions for firmware updates.

6. TROUBLESHOOTING

Issue	Possible Cause	Solution
Software Product Key Not Working	Incorrect key entered, key for a different version, or key is invalid.	Double-check the product key for typos. Verify that the product key matches Blue Iris Professional Version 4. Contact Amcrest or Blue Iris support if the key continues to be rejected.
High CPU/RAM Usage	Too many cameras, high resolution streams, inefficient settings, or insufficient system resources.	Reduce the number of active cameras or lower their resolution/frame rate. Ensure H.264 compression is enabled. Close other demanding applications. Consider upgrading your computer's CPU and RAM.

Issue	Possible Cause	Solution
Video Playback Freezes	System resource limitations, corrupted video files, or outdated drivers.	Ensure your system meets recommended specifications. Update your graphics card drivers. Check disk health and free space.
Cannot Connect to Camera	Incorrect IP address/port, firewall blocking, network issues, or camera offline.	Verify camera IP address, port, username, and password. Check if the camera is powered on and connected to the network. Temporarily disable Windows Firewall or add an exception for Blue Iris. Ensure the camera's firmware is up to date.

7. SPECIFICATIONS

Attribute	Detail
Product Name	Amcrest Blue Iris Professional Version 4
Model Number	BLUEIRIS
Brand	Amcrest
Manufacturer	Foscam Digital Technologies LLC
Compatible Devices	Desktop (Windows PC)
Number of Channels	Up to 64 cameras
Video Capture Resolution	1080p (supported by compatible cameras)
Video Capture Format	AVI, MP4 (and others like DVR, Windows Media)
Video Compression	H.264
Connectivity Technology	Wired, Wi-Fi (for camera connections)
Alert Type	Motion Only (configurable for email, text, phone)
Item Dimensions (L x W x H)	7.5 x 0.5 x 5.5 inches (packaging/media dimensions)
Item Weight	0.32 ounces (packaging/media weight)
UPC	859365003207

8. WARRANTY AND SUPPORT

For detailed warranty information regarding your Amcrest Blue Iris Professional software, please refer to the documentation included with your purchase or visit the official Amcrest website. Warranty terms and conditions may vary.

For technical support, troubleshooting assistance, or further inquiries, please contact Amcrest customer support. You can typically find contact information, including phone numbers and support portals, on the official Amcrest website ([amcrest.com](https://www.amcrest.com)) or the Blue Iris software website ([blueirissoftware.com](https://www.blueirissoftware.com)).