A-ZONE AZJ-016-FBA

A-ZONE AZJ-016-FBA 3MP 4-Channel Security Camera System User Manual

Brand: A-ZONE | Model: AZJ-016-FBA

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your A-ZONE AZJ-016-FBA 3MP 4-Channel Security Camera System. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This system is designed to provide reliable surveillance with high-resolution video and advanced features for your home or business.

IMPORTANT SAFETY INFORMATION

- Ensure all power connections are secure and correctly installed to prevent electrical hazards.
- Do not expose the NVR or cameras to extreme temperatures, humidity, or direct sunlight beyond specified operating conditions.
- Handle all components with care to avoid damage.
- Consult a qualified professional for complex installations or if you are unsure about any steps.
- Keep the system away from children and pets.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

Item	Quantity
3MP IP67 Waterproof Cameras	2 (expandable to 4)
4-Channel NVR with 1TB HDD	1
Power Adapter for NVR	1
LAN Cables	2

Item	Quantity
USB Mouse	1
Mounting Screws and Plugs	1 set
Security Warning Sticker	1
User Manual	1

Figure 1: Included components in the A-ZONE AZJ-016-FBA package.

PRODUCT FEATURES

- **3 Megapixel High Resolution:** Captures clear and detailed images, surpassing Full HD 2MP cameras. Features digital zoom for enlarging specific areas to identify faces or license plates.

- **Audio Recording:** Built-in audio pickup allows simultaneous video and audio recording within a 10-meter range, providing valuable evidence.

- **H.265 Video Compression:** Advanced H.265 compression technology reduces file size by approximately 50% compared to H.264, optimizing storage and network bandwidth without compromising video quality.

- **Motion Detection & Alarm Notifications:** The system detects movement within the surveillance area and initiates audio recording, sending alarm notifications to your device.

- **IP67 Waterproof & Dustproof Cameras:** Durable metal cameras with IP67 rating ensure reliable performance in various weather conditions, from -20°C to 60°C.

- **Expandable Storage:** Includes a 1TB HDD, expandable up to 8TB, with overwrite functionality for continuous 24/7 recording.

- **Easy Operation & Remote Access:** Simple POE (Power over Ethernet) connection. Access live view and playback recordings via smartphone, PC, or tablet.

Figure 2: Visual comparison of 2MP and 5MP resolution, highlighting enhanced detail with higher resolution.

流暢な
双方向音声

カメラ本体にはマイクやスピーカーを内蔵して、電話をかけなくてもすぐに対話出来ます。音声の転送は流暢だけでなく、はっきり聞こえます。

ご飯できたよ

はい

Figure 3: Illustration of the audio recording capability, capturing sound within 10 meters.

5MP
2560X1920
超高500万画素

IPS液晶パネルが鮮明な画質を再現

デジタルズームで
"差"が出る!!

64저 8060

64저 8060

200万画素

500万画素

178°

178°ほどの視野で上下左右どこから見ても色変化少なく美しい発色を行える

Figure 4: H.265 video compression offers significant storage savings and improved processing speed.

Figure 5: Day/night vision and IP67 waterproof rating for all-weather performance.

SETUP GUIDE

1. Hardware Connection

1. Connect the NVR to your router using a LAN cable via the WAN port.
2. Connect the NVR to a power source using the provided power adapter.
3. Connect the cameras to the NVR's LAN ports using the provided LAN cables. The cameras are POE (Power over Ethernet), so they receive power and data through a single cable.
4. Connect a monitor to the NVR using an HDMI or VGA cable.
5. Connect the USB mouse to the NVR for navigation.

2. App Installation and Configuration

1. Download the "HonestView" app from your smartphone's app store.
2. Register an account and log in.
3. Tap the "+" icon in the top right corner to add a device.
4. Scan the QR code (Cloud ID) located on the NVR unit.
5. Follow the on-screen prompts to complete the network configuration and device naming.
6. Once connected, click the play button to enter the real-time viewing screen.

Figure 6: The A-ZONE system allows remote monitoring via tablet or smartphone.
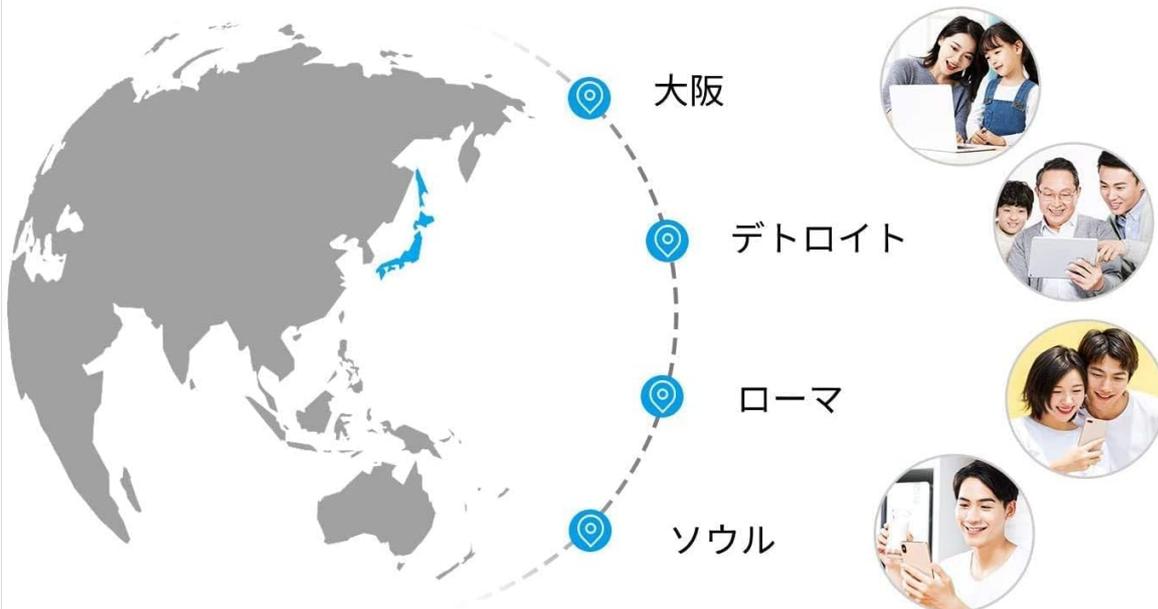
Figure 7: Remote access via smartphone or PC allows monitoring from anywhere.

OPERATING INSTRUCTIONS

Live View and Playback

After successful setup, you can view live footage from your cameras and play back recorded videos through the "HonestView" app or directly from the NVR connected to a monitor.

- **Live View:** Open the app and select the desired camera to view its real-time feed.
- **Playback:** Navigate to the playback section in the app or NVR interface to review recorded footage. Recordings are typically saved in 1-hour segments for easy management.
- **Digital Zoom:** On the surveillance screen, use the digital zoom function (often by pinching on mobile or selecting with the mouse on NVR) to enlarge specific areas for closer inspection.

Motion Detection Settings

Configure motion detection settings via the NVR interface or the "HonestView" app to customize sensitivity and notification preferences.

- Access the system settings and locate the "Motion Detection" or "Alarm" section.
- Define the detection zones and sensitivity levels for each camera.

- Enable desired actions upon detection, such as audio recording, alarm notifications (email/app push), or specific recording schedules.

MAINTENANCE

- **Regular Cleaning:** Periodically clean camera lenses with a soft, dry cloth to ensure clear image quality. Avoid abrasive cleaners.
- **Firmware Updates:** Check for and install firmware updates for the NVR and cameras to ensure optimal performance and security.
- **Cable Inspection:** Regularly inspect all cables for wear, damage, or loose connections, especially for outdoor installations.
- **Storage Management:** The 1TB HDD has an overwrite function. However, regularly back up important footage and manage storage space as needed.
- **Environmental Protection:** While cameras are IP67 rated, ensure they are installed in locations that minimize direct exposure to harsh elements where possible, to prolong lifespan.

TROUBLESHOOTING

Problem	Possible Solution
No video feed from camera.	- Check power connection to the NVR and camera (if using separate power). - Ensure LAN cable is securely connected to both the camera and NVR. - Verify the camera is properly added and configured in the NVR/app. - Restart the NVR and camera.
Poor image quality.	- Clean the camera lens. - Check for obstructions in the camera's field of view. - Ensure sufficient lighting, especially for night vision. - Verify resolution settings in the NVR/app.
Motion detection not working or false alarms.	- Adjust motion detection sensitivity and detection zones. - Ensure the feature is enabled in settings. - Check for environmental factors like moving branches or shadows causing false triggers.
Cannot access system remotely.	- Ensure the NVR is connected to the internet via the WAN port. - Verify your router's internet connection. - Check app settings and ensure the device is correctly registered. - Confirm firewall settings on your router are not blocking access.

SPECIFICATIONS

Feature	Detail
Brand	A-ZONE
Model Number	AZJ-016-FBA
Effective Pixels	3 Megapixel (3MP)
Video Capture Resolution	1920p
Connectivity Technology	Wired (POE)
Special Features	Infrared, Waterproof (IP67)
NVR Channels	4-channel (expandable to 8 cameras)
HDD Capacity	1TB (expandable up to 8TB)
Video Compression	H.265
Operating Temperature	-20°C to 60°C
Package Dimensions	28.2 x 28 x 18.8 cm
Package Weight	4.14 kg

WARRANTY AND SUPPORT

Your A-ZONE security camera system comes with a **2-year warranty**. We also provide free professional technical support to ensure your satisfaction.

If you have any questions, concerns, or require assistance with your product, please do not hesitate to contact us:

- **Phone (Japan):** 034-588-9368 (Weekdays 10:00 - 19:30 JST)
- **Email:** hana@azonecctvstore.com (24-hour reception)
- **LINE ID:** azone1234

Our support team is dedicated to providing prompt, flexible, and friendly assistance. When contacting support, please try to explain your issue as clearly and simply as possible.