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NIVIAN NVS-A6WG-V5

Nivian V5 WiFi/GSM Alarm System User Manual

1. INTRODUCTION

Welcome to the Nivian V5 WiFi/GSM Alarm System. This manual provides essential information for the proper installation, operation, and maintenance of your security system. Please read these instructions carefully before using the product to ensure optimal performance and safety.

The Nivian V5 system is designed to provide reliable security for your home or business, offering advanced features and flexible control options without recurring monthly fees.

2. PRODUCT OVERVIEW

The Nivian V5 is a comprehensive security solution featuring dual Wi-Fi and GSM communication for enhanced reliability. It allows for remote management via the Tuya Smart application, compatible with both Android and iOS devices. The system supports easy wireless installation and can be expanded with up to 60 additional wireless devices, including various detectors and sirens.

Key features include:

- **Dual Communication:** Connects via Wi-Fi for app control and GSM (SIM card required) for SMS and call notifications.
- **No Monthly Fees:** Operate your security system without subscription costs.
- **Easy Wireless Installation:** Simple setup with QR code pairing for detectors.
- **Expandable System:** Supports up to 60 wireless devices, including motion sensors, door/window sensors, and sirens.
- **Tuya App Integration:** Full control, monitoring, and notification history via the Tuya Smart app.
- **Smart Home Compatibility:** Works with other Nivian smart home products and voice assistants like Amazon Alexa and Google Assistant.
- **SOS Function:** Remote controls and dedicated buttons for emergency alerts.
- **Integrated Camera:** Includes a 360° indoor WiFi camera for visual verification.



Image: Nivian V5 Alarm System components including the control panel, motion sensor, door/window sensor, remote controls, and RFID key fobs.

3. PACKAGE CONTENTS

The Nivian V5 Alarm System package typically includes the following components:

- Alarm Control Panel (Main Unit)
- 2 x Remote Controls
- 2 x RFID Key Fobs for activation/disarming
- Magnetic Door/Window Detector
- PIR Motion Detector
- 360° Indoor WiFi Camera
- Power Adapter for Control Panel
- Mounting Hardware
- User Manual (this document)

Note: Specific contents may vary slightly depending on the kit version.

4. SETUP

4.1 Initial Power-Up

1. Connect the power adapter to the alarm control panel and plug it into a power outlet.
2. The panel will power on and initiate its startup sequence.

4.2 Tuya Smart App Installation

The Nivian V5 system is managed through the Tuya Smart app. Download the app from your smartphone's app

store (Google Play Store for Android or Apple App Store for iOS).

1. Search for "Tuya Smart" and install the application.
2. Register for a new account or log in if you already have one.

4.3 Connecting the Control Panel to Wi-Fi

1. Open the Tuya Smart app and tap "Add Device" or the "+" icon.
2. Select "Security & Video Surveillance" > "Alarm (Wi-Fi)" or use the auto-scan feature.
3. Follow the on-screen instructions to connect the control panel to your 2.4GHz Wi-Fi network. Ensure your phone is also connected to the same 2.4GHz network during setup.
4. The app will guide you through pairing the device, often using a QR code displayed on the panel or a blinking indicator.

4.4 Installing a SIM Card (Optional for GSM Functionality)

For SMS and call notifications, install a 2G GSM SIM card (not included) into the designated slot on the control panel. Ensure the SIM card is active and has sufficient credit for calls/SMS.

4.5 Pairing Wireless Detectors and Accessories

All Nivian wireless detectors and accessories are designed for easy pairing.



Image: Diagram illustrating the easy wireless installation process for the Nivian V5 alarm system.

1. In the Tuya Smart app, navigate to your alarm system and select "Accessories" or "Add Sensor."
2. Follow the app's instructions to put the control panel into pairing mode.
3. Activate each detector (e.g., open a door/window for a magnetic sensor, wave hand in front of a motion sensor, press a button on a remote). The panel will confirm successful pairing.
4. Mount detectors in desired locations, ensuring they are within the 80-meter wireless range (open space) of the control panel.

5. OPERATING INSTRUCTIONS

5.1 Arming and Disarming the System

The Nivian V5 system offers several arming modes:

- **Total Arm (Away Mode):** All sensors are active. Use when leaving the property.
- **Home Arm (Stay Mode):** Perimeter sensors (e.g., door/window) are active, while internal motion sensors may be bypassed. Use when people are inside.

- **Disarm:** All sensors are inactive.

You can arm/disarm using:

- **Control Panel Keypad:** Enter your PIN and select the desired mode.
- **Remote Control:** Press the corresponding button for Arm, Home Arm, or Disarm.
- **RFID Key Fob:** Tap the key fob on the control panel's RFID reader to arm or disarm.
- **Tuya Smart App:** Select the desired mode directly from the app interface.

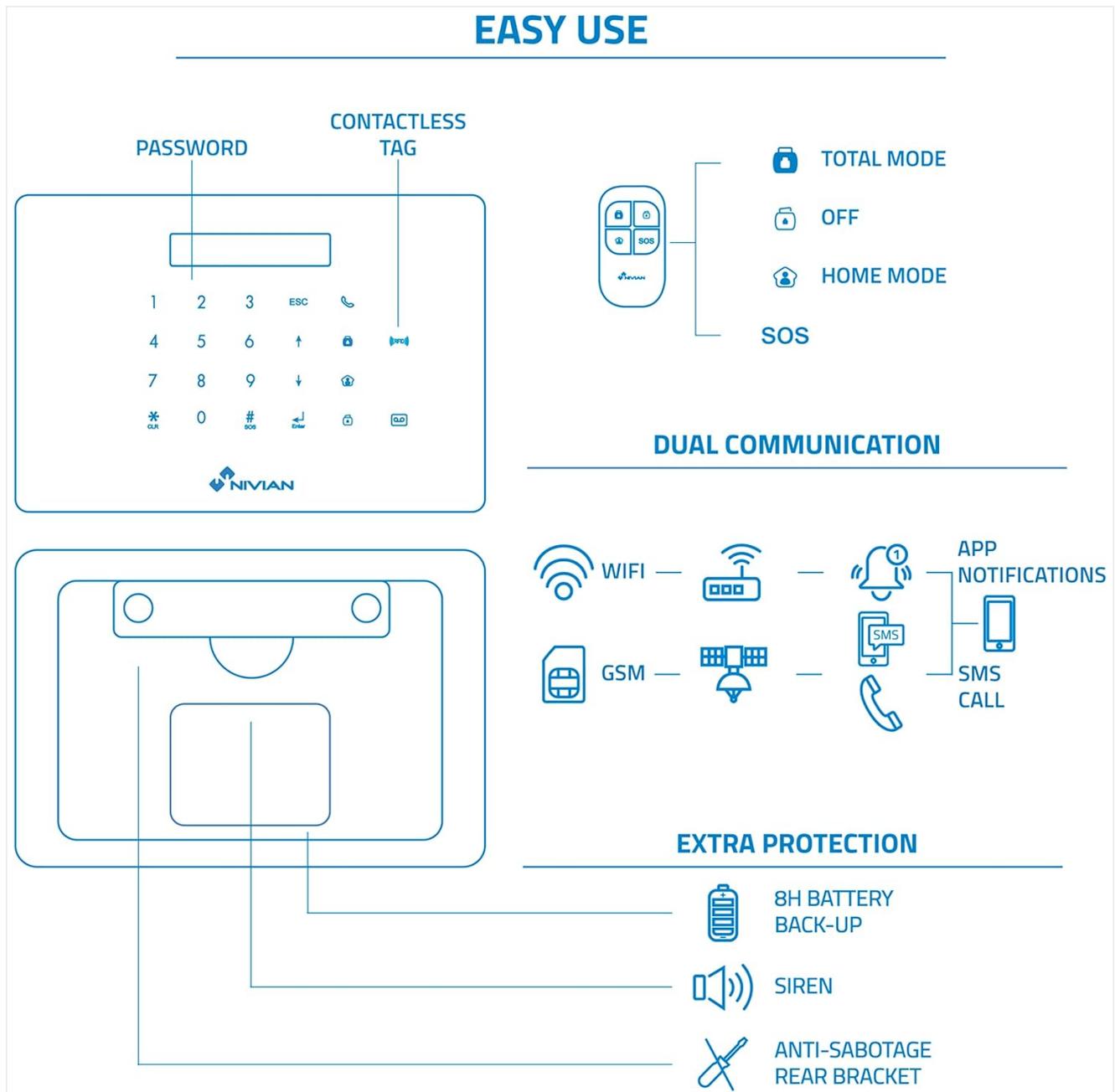


Image: Detailed diagram of the Nivian V5 control panel, showing keypad, display, and dual communication (WiFi/GSM) features.

5.2 Notifications and Alerts

In case of an alarm trigger:

- The control panel will activate its siren and any connected external sirens.
- You will receive instant push notifications via the Tuya Smart app.
- If a SIM card is installed, the system will send SMS alerts and make calls to pre-programmed emergency numbers.

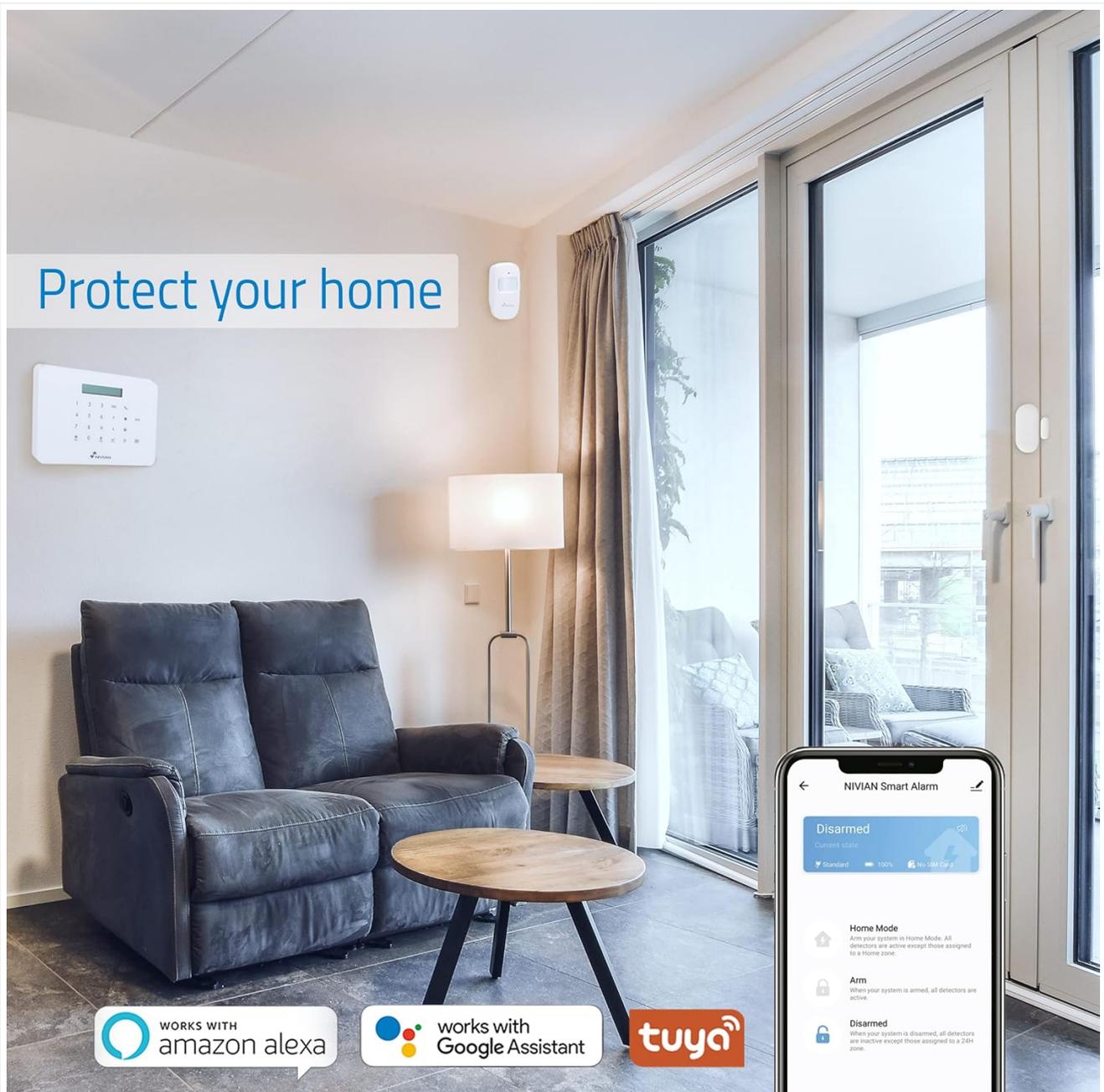


Image: A living room scene with the Nivian V5 alarm panel mounted on the wall and a smartphone displaying the Tuya Smart app for remote control.

5.3 SOS Function

Pressing the SOS button on the remote control or a dedicated panic button will immediately trigger an emergency alarm. The system will notify pre-set contacts via app, SMS, and calls, providing rapid assistance.

5.4 Smart Home Integration

The Nivian V5 system integrates seamlessly with the Tuya Smart ecosystem, allowing you to create automated scenes with other Nivian smart devices (e.g., smart plugs, cameras). It also supports voice control via Amazon Alexa and Google Assistant for convenient arming/disarming and status checks.

SMART HOME | AUTOMATION & SCENE

WORKS WITH OTHER NIVIAN DEVICES & VOICE ASSISTANTS

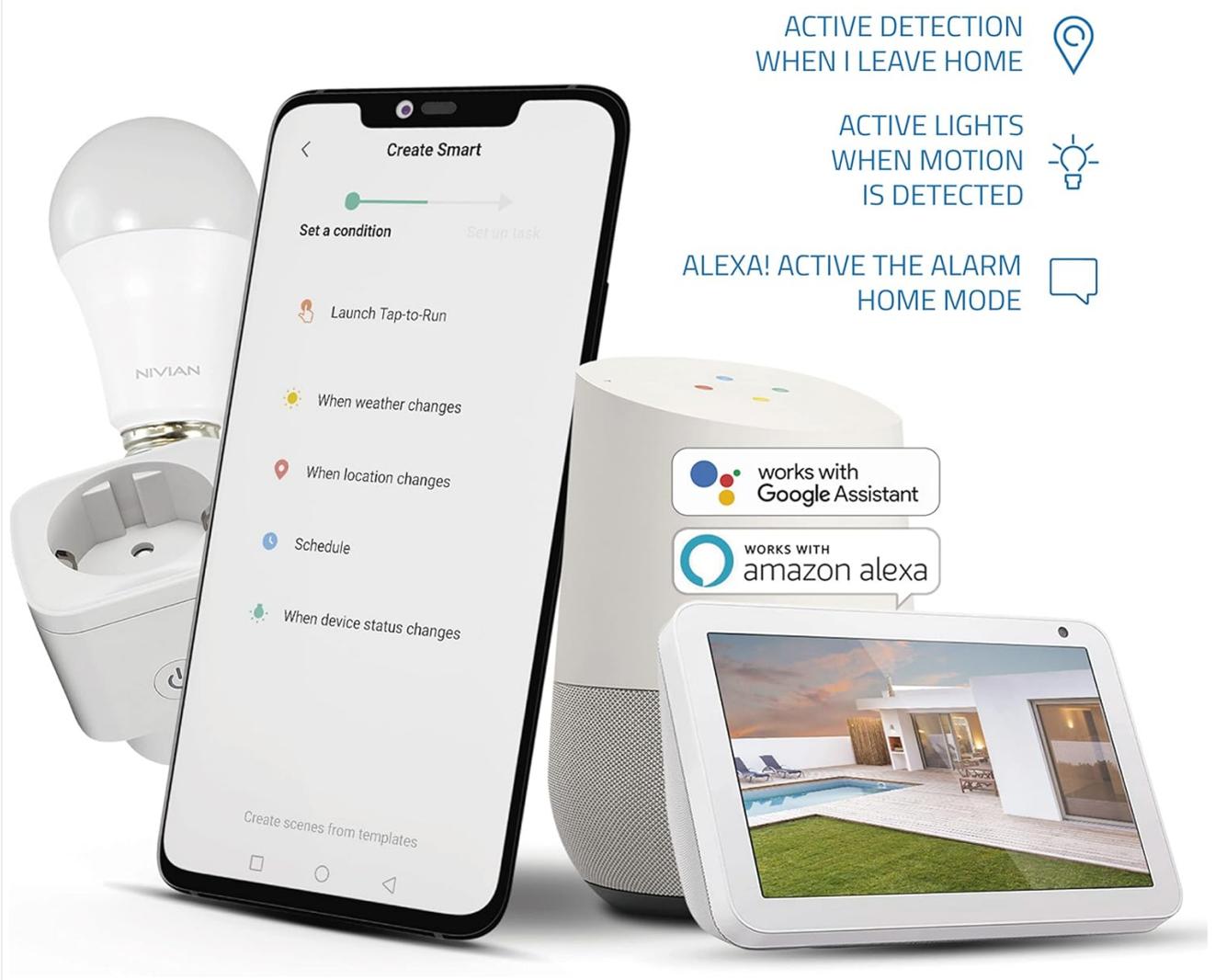


Image: Illustration of smart home automation possibilities with the Nivian V5 system, integrating with other devices and voice assistants like Alexa and Google Assistant.

6. MAINTENANCE

6.1 Battery Checks

Wireless detectors and remote controls are powered by batteries. The Tuya Smart app will notify you when a sensor's battery is low. Replace batteries promptly to ensure continuous protection. Refer to each sensor's individual manual for specific battery types and replacement procedures.

6.2 Cleaning

Clean the control panel and sensors regularly with a soft, dry cloth. Avoid using abrasive cleaners or solvents, which can damage the devices. Ensure motion sensors are free from dust or obstructions for accurate detection.

6.3 Firmware Updates

Periodically check the Tuya Smart app for available firmware updates for your alarm system. Updates can improve performance, add new features, and enhance security. Follow the app's instructions for any update procedures.

7. TROUBLESHOOTING

If you encounter issues with your Nivian V5 alarm system, refer to the following common troubleshooting steps:

- **System Not Connecting to Tuya App:**

- Ensure your Wi-Fi network is 2.4GHz. The system does not support 5GHz Wi-Fi.
- Verify your Wi-Fi password is correct.
- Move the control panel closer to your Wi-Fi router.
- Try resetting the control panel and re-attempting the pairing process via the app.

- **False Alarms:**

- Check the placement of motion sensors to ensure they are not facing direct sunlight, heat sources, or areas with pets (if not pet-immune).
- Ensure door/window sensors are properly aligned and securely attached.
- Verify a stable power supply to the control panel to prevent false alarms due to power fluctuations.

- **No GSM Notifications (SMS/Calls):**

- Ensure the SIM card is correctly inserted and active.
- Check if the SIM card has sufficient credit for calls and SMS.
- Verify GSM signal strength in the control panel's location.
- Confirm emergency numbers are correctly programmed in the app.

- **Low Siren Volume:**

- The integrated siren on the control panel may have a moderate volume. For louder alerts, ensure any external sirens included in your kit are properly connected and functioning.

- **Remote Control/RFID Key Fob Not Working:**

- Check the battery in the remote control and replace if necessary.
- Ensure the device is properly paired with the control panel. Re-pair if needed.

8. SPECIFICATIONS

Below are the technical specifications for the Nivian V5 WiFi/GSM Alarm System (Model: NVS-A6WG-V5):

Feature	Specification
Model Number	NVS-A6WG-V5
Dimensions (L x W x H)	17 x 14 x 50 cm
Weight	1.05 Kilograms
Power Source	Electric Cable
Installation Method	DIY Wireless
Connectivity Technology	Wireless (Wi-Fi), GSM
Compatible Devices	Smartphone (Android/iOS via Tuya App)
Max Wireless Devices	Up to 60

Feature	Specification
Wireless Range	80 meters (open space)
Alert Type	Push Notification in App, SMS, Phone Call
Internal Backup Battery	8-hour backup (Lead Acid composition)
Included Camera Video Resolution	2304x1296

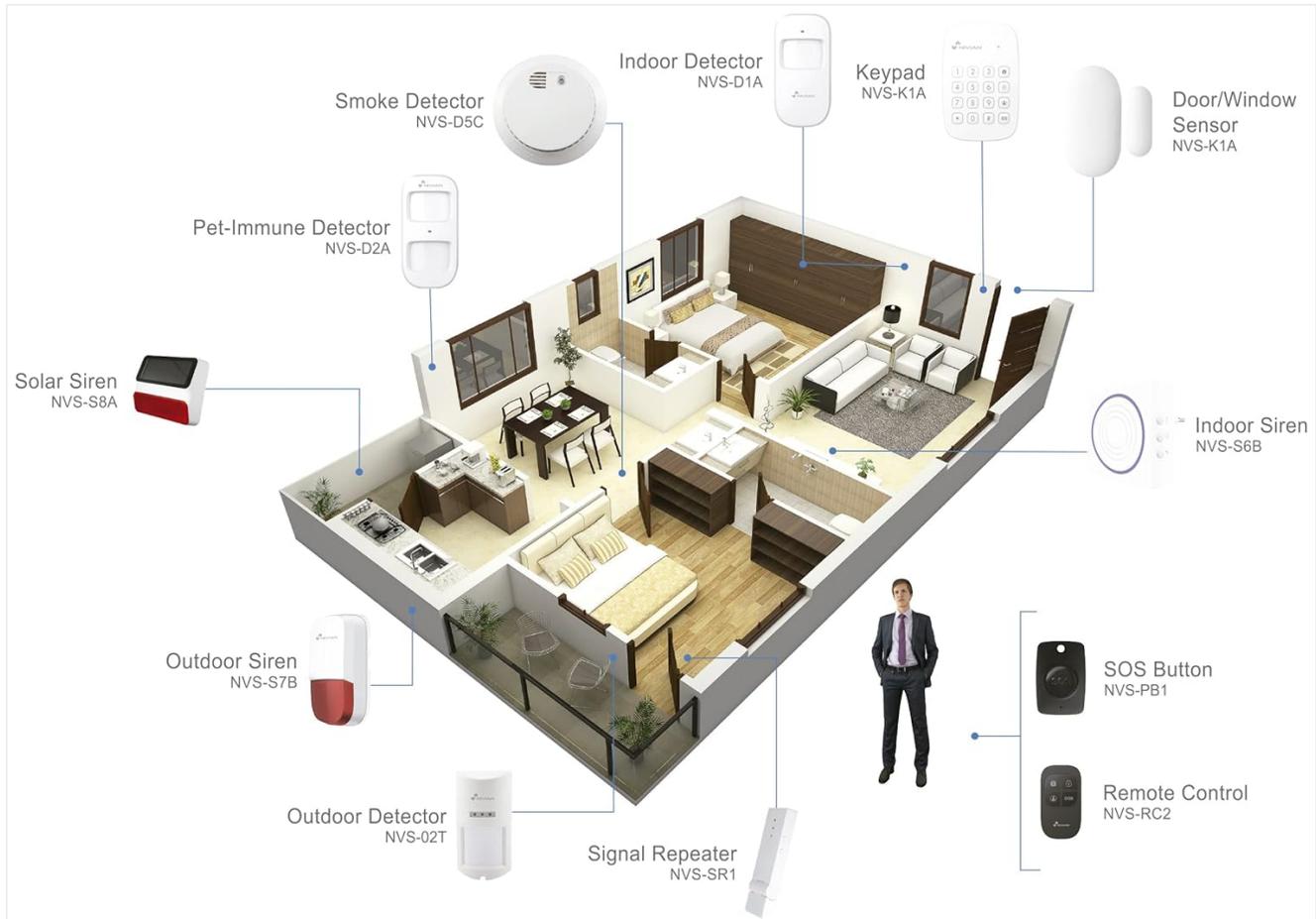


Image: A floor plan diagram showing various Nivian alarm system components like smoke detectors, motion sensors, keypads, door/window sensors, and sirens placed throughout a home.

9. WARRANTY & SUPPORT

Nivian is committed to providing reliable security solutions. For any questions, technical assistance, or support regarding your Nivian V5 WiFi/GSM Alarm System, please refer to the following resources:

- **Tuya Smart App:** The Tuya Smart app often includes a help section, FAQs, and direct support options for connected devices.
- **Nivian Brand Store:** Visit the official Nivian brand store for additional product information, accessories, and support resources. [Nivian Brand Store](#)
- **Manufacturer Website:** Check the Nivian manufacturer's website for the most up-to-date support information and contact details.

Nivian was founded over 10 years ago, building on the expertise of leading companies in the professional security market. Our mission is to integrate advanced technological solutions into daily life, enhancing home security and control. We are dedicated to ensuring our products meet your needs and provide peace of mind.



Image: Tuya Smart Home logo, indicating compatibility with the Tuya ecosystem.