Wothfav XNS-06

Wothfav Motion Sensor Light Switch with Outlet (Model XNS-06) User Manual

Brand: Wothfav

INTRODUCTION

The Wothfav Motion Sensor Light Switch with Outlet is designed to automate the control of lights and other electrical devices based on motion detection. This wireless system enhances convenience and promotes energy saving by automatically turning appliances on when motion is detected and off after a set delay when no motion is present. It features adjustable sensing modes to adapt to various environments and user preferences.

SAFETY INFORMATION

Please read all instructions carefully before installation and use. Keep this manual for future reference. Ensure the product is used in dry environments. Do not attempt to repair or modify the device yourself. For any issues, contact customer support.
The outlet is designed with flame-retardant materials for enhanced safety.

Image: The Wothfav Motion Sensor and Outlet, highlighting its flame-retardant construction for safety.

PRODUCT OVERVIEW

The Wothfav Motion Sensor system consists of two main components: the motion sensor and the smart outlet. The sensor detects movement and wirelessly communicates with the outlet to control connected devices.

Components and Dimensions

ENERGY SAVING SENSOR INSTRUCTIONS

AC input voltage: 100-240V 50/60Hz
Max Power: 3600W(16A)
Material: PC(flame retardant)
Recommendation: Use in dry environments

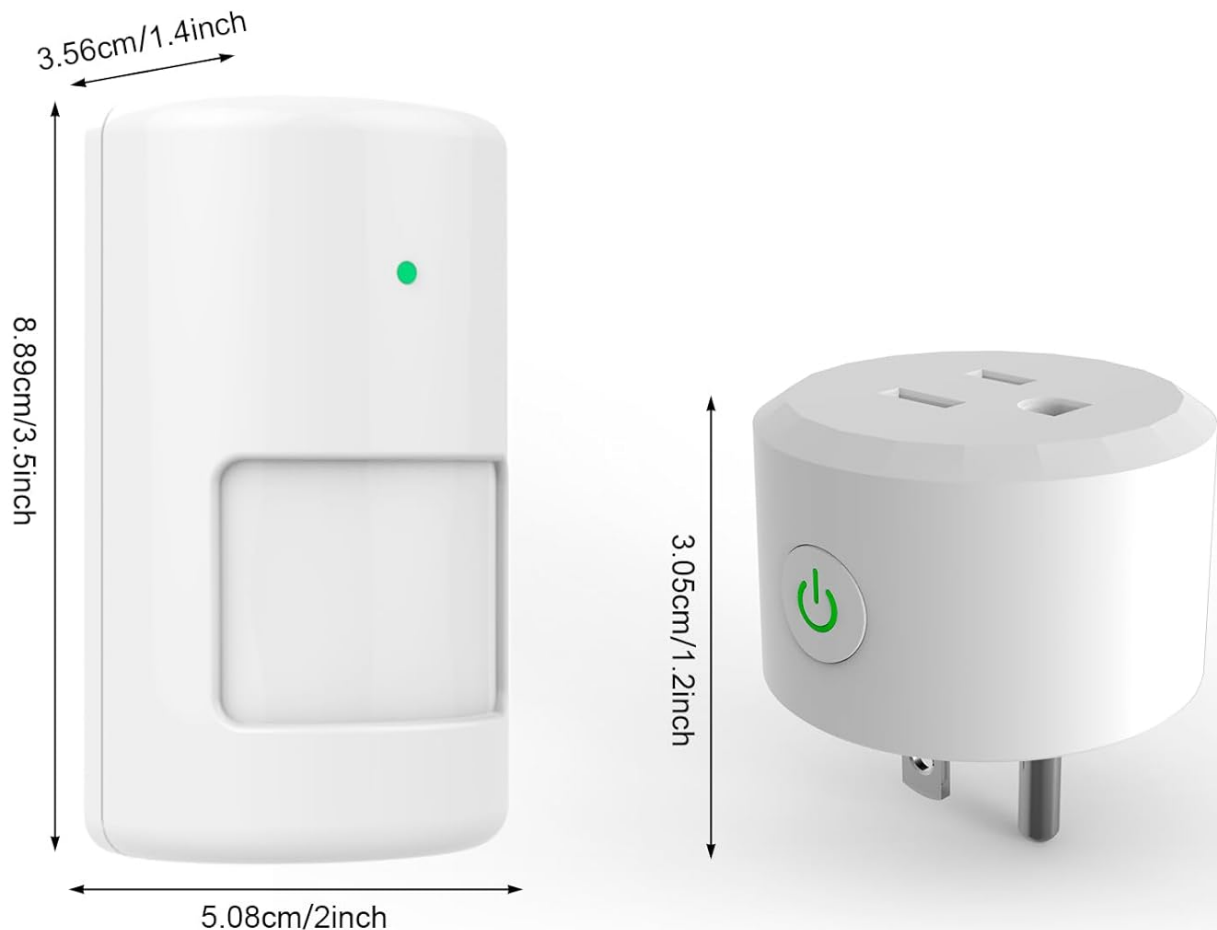3.56cm/1.4inch

8.89cm/3.5inch

3.05cm/1.2inch

5.08cm/2inch

Image: Detailed diagram illustrating the dimensions of the Wothfav Motion Sensor and Smart Outlet.

- **Motion Sensor:** Detects movement using PIR infrared technology. Dimensions: 8.89 cm (3.5 inches) x 5.08 cm (2 inches) x 3.56 cm (1.4 inches).
- **Smart Outlet:** Receives signals from the sensor to control connected appliances. Dimensions: 3.05 cm (1.2 inches) in height.

Key Features

- **Upgraded Motion Sensor:** Features anti-interference algorithms for reliable detection. Sensing distance extended from 3m to 12m (39FT).
- **Adjustable Sensing Modes:**
  - Delay Time Settings: 3s, 10s, 30s, 1min, 3min, 5min, 10min (default: 30s).
  - Light Sensing Settings: Full-day, low light, or dark environment (default: full day).
  - Sensing Range: Near (0-4m / 0-13FT), Mid (0-8m / 0-26FT), Far (0-12m / 0-39FT) (default: 0-8m).
- **Wide Sensing Coverage:** Up to 12m (39FT) sensing range for human detection, max 120° field of view. RF range
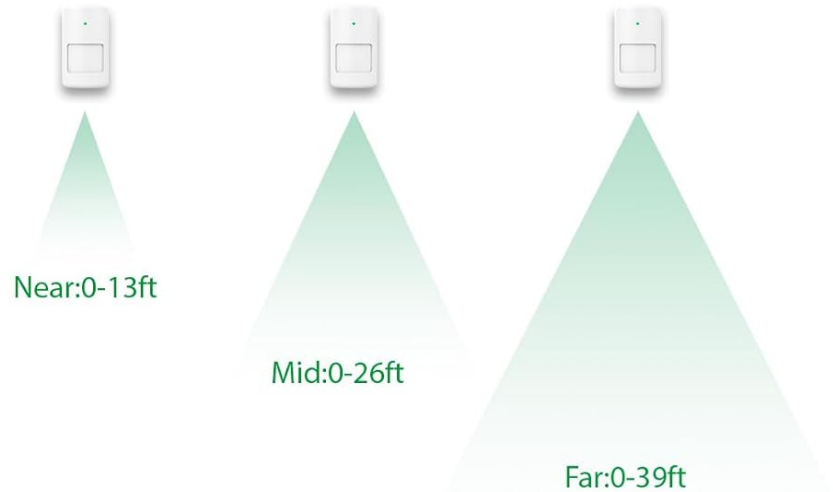
between sensor and plug up to 150m (492FT) in straight distance, 30m (98.4FT) with obstacles.

- **Wireless Installation:** No wiring required. Offers screw mounting or magnetic sticky sheet options.
- **Versatile Use:** Compatible with lights, fans, air conditioners, exhaust fans, humidifiers, etc.
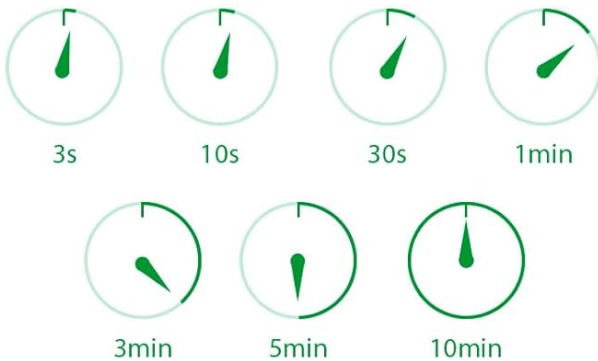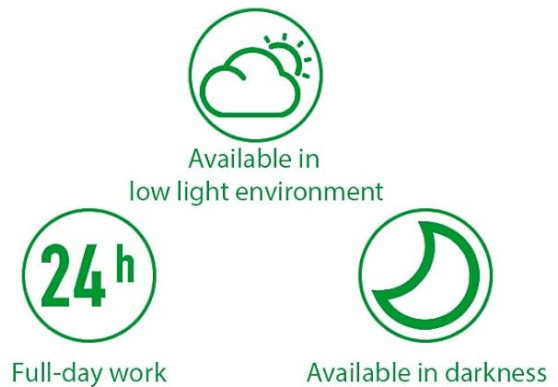

Image: Internal view of the motion sensor, showing the adjustable dials for customizing settings.

Setup and Installation

1. Battery Installation (Sensor)

Open the sensor's cover by pressing the bottom snap. Install 2 x AA batteries (not equipped/included). Close the cover securely. If needed, fix it with a screw.
Note: The battery position adopts a clasp design to prevent loosening or detachment.

2. Pairing the Sensor and Outlet

The sensor and plug are typically pre-paired from the factory. If re-pairing is necessary:

1. Connect the smart outlet to a power source.
2. Press and hold the button on the smart outlet for 5 seconds until it starts flashing.
3. Press and hold the reset button on the sensor until the indicator on the plug turns solid. This indicates successful pairing.

Your browser does not support the video tag.

Video: Instructions on how to pair or re-pair the Wothfav motion sensor and smart outlet.

3. Mounting the Sensor

The sensor offers two installation methods:

- **Screw Mounting:** Install the base on the wall using screws (requires drilling).
- **Magnetic Sticky Sheet:** Secure the base to the wall with the provided magnetic sticky sheet (no drilling required).

The sensor can be adjusted to various angles in all directions to meet different sensing angle requirements.

For places with full hands or hard-to-reach switches.

Image: Visual guide demonstrating different mounting options and adjustable angles for the motion sensor.

OPERATING INSTRUCTIONS

Adjusting Sensing Modes

The sensor's settings can be adjusted using the paddle tool provided, located inside the sensor's cover. Open the sensor as described in the battery installation section to access the adjustment dials.

- **Delay Time:** Set how long the connected device remains on after motion stops. Options include 3s, 10s, 30s, 1min, 3min, 5min, and 10min.
- **Light Sensing:** Choose the ambient light condition for activation. Options are full-day (always active), low light (active in dim conditions), or dark environment (active only in darkness).
- **Sensing Range:** Adjust the detection distance. Options are Near (0-4m), Mid (0-8m), and Far (0-12m).
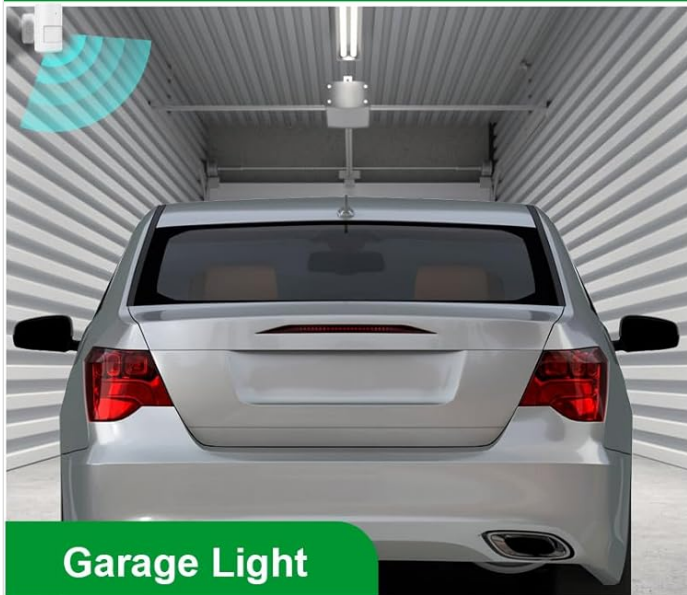

Image: Examples of how the Wothfav Motion Sensor Light Switch with Outlet can be used in different areas of a home.

Once settings are configured, the system will automatically turn on connected devices when motion is detected within the set range and light conditions, and turn them off after the specified delay time when no motion is detected.

Your browser does not support the video tag.

Video: Demonstration of the Wothfav Motion Sensor Light Switch with Outlet in operation, showing its wide sensing range and automatic light control.

MAINTENANCE

- **Battery Replacement:** Replace AA batteries in the sensor when the indicator light signals low power or the sensor becomes unresponsive.
- **Cleaning:** Wipe the sensor and outlet with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Environment:** Ensure the sensor and outlet are kept in dry environments to prevent damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on/off with motion.	- Low or dead batteries in the sensor. - Incorrect sensing mode settings (delay time, light sensing, range). - Sensor and plug are not paired. - Obstruction in sensing path.	- Replace sensor batteries. - Adjust sensing modes using the internal dials. - Re-pair the sensor and plug as per "Setup and Installation" section. - Ensure clear line of sight for the sensor.
Device turns on/off unexpectedly.	- Sensing range too wide. - Light sensing setting too sensitive. - Interference from other devices.	- Reduce the sensing range. - Adjust light sensing to a less sensitive mode (e.g., dark environment). - Relocate the sensor or plug to minimize interference.
Sensor indicator light not working.	- Dead batteries. - Sensor malfunction.	- Replace batteries. - Contact customer support if problem persists.

Your browser does not support the video tag.

Video: This video provides guidance on how to repair or re-pair the motion sensor and plug, which can resolve many operational issues.

SPECIFICATIONS

- **Model Number:** XNS-06
- **AC Input Voltage:** 100-240V 50/60Hz
- **Max Power:** 3600W (16A)
- **Material:** PC (flame retardant)
- **Power Source (Sensor):** Battery Powered (2 x AA batteries, not included)
- **Maximum Sensing Range:** 12 Meters (39 Feet)
- **RF Range (Sensor & Plug):** Over 150m (492FT) straight distance, 30m (98.4FT) indirect distances
- **Field of View:** Max 120°

- **Mounting Type:** Wall Mount
- **Product Dimensions:** 2 x 1.4 x 3.5 inches (Sensor)
- **Item Weight:** 9.6 ounces
- **Compatible Devices:** Light, Fan, Air Conditioner, Exhaust Fan, Humidifier

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the manufacturer's official website or contact the seller directly. Keep your purchase receipt for any warranty claims.