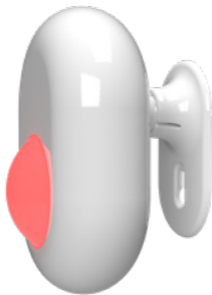


# *Shelly* MOTION



<b>1. Shelly Motion Initial</b> .....	<b>3</b>
<b>1.1. Pictures</b> .....	<b>3</b>
<b>1.2. EN</b> .....	<b>5</b>
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fig. 1



fig. 2

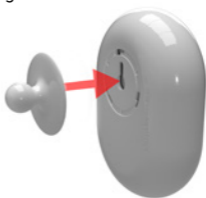


fig. 3



fig. 4

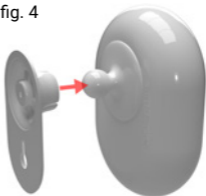


fig. 5



fig. 6

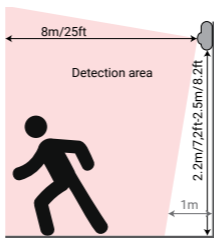


fig. 7

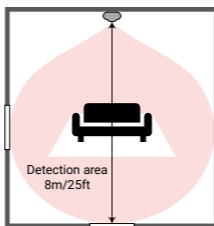
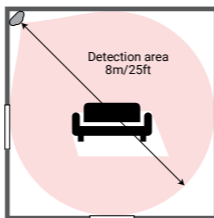


fig. 8



## SHELLY MOTION WIFI SENSOR

### Introduction to Shelly

Shelly® is a family of innovative Devices, which allow remote control of electric appliances through mobile phone, PC or home automation system. Shelly® uses WiFi to connect to the devices controlling it. They can be in the same WiFi network or they can use remote access (through the Internet). Shelly® may work standalone, without being managed by a home automation controller, in the local WiFi network, as well as through a cloud service, from everywhere the User has Internet access. Shelly® has an integrated web server, through which the User may adjust, control and monitor the Device. Shelly® has two WiFi modes - access Point (AP) and Client mode (CM). To operate in Client Mode, a WiFi router must be located within the range of the Device. Shelly® devices can communicate directly with other WiFi devices through HTTP protocol. An API can be provided by the Manufacturer. Shelly® devices may be available for monitor and control even if the User is outside the range of the local WiFi network, as long as the WiFi router is connected to the Internet. The cloud function could be used, which is activated through the web server of the Device or through the settings in the Shelly Cloud mobile application. The User can register and access Shelly Cloud, using either Android or iOS mobile applications, or any internet browser and the web site: <https://my.shelly.cloud/>

### What is Shelly Motion

Shelly Motion is high sensitive ultra-low power WiFi Motion sensor which are connected to internet 24/7 and do not need additional HUB to be used. Shelly Motion can detect and send a notification if it detects movement or turns on your lights instantly. The built-in accelerometer serves as a protection when someone tries to remove or move the device, and the built-in light sensor gives additional opportunities for automation of your home or office. Shelly Motion has a built-in 6500mAh battery that allows it to be

connected to the Internet for up to 3 years without recharging, and in active transmission between 12 and 18 months

### Specification

- Working temperature  $-10 \div 50^{\circ}\text{C}$
- Radio protocol WiFi 802.11 b/g/n
- Frequency 2400 – 2500 MHz
- Operational range (depending on local construction) up to 50 m outdoors or up to 30 m indoors
- Battery - 6500mAh 3,7V

### Visual indications

The Motion Sensor is equipped with a LED diode, signalling sensor's operating modes and alarms.

Blue light non blinking	Inclusion mode
Red light blink	Motion detected and reported
Green light blink	Motion detected, reporting disabled
Blue/Green/Red sequence	Reboot or Vibration detected
Blue light blink	Firmware update
Blue light single blink	Settings change

### Button user interaction

- Short press (AP mode) - wake-up from AP sleep mode (AP is only for 3 minute and device power OFF, battery save transportation mode)
- Short press (STA MODE) - send status
- Long press 5 sec (STA mode) - AP mode
- Long press 10 sec (STA mode) - Factory reset

Use pin to press the button as shown



## Installation Instructions

**⚠ CAUTION!** Before beginning the installation please read the accompanying documentation carefully and completely. Failure to follow recommended procedures could lead to malfunction, danger to your life or violation of the law. Allterco Robotics is not responsible for any loss or damage in case of incorrect installation or operation of this device.

**⚠ CAUTION!** Do not allow children to play with the device, especially with the Power Button. Keep the devices for remote control of Shelly (mobile phones, tablets, PCs) away from children.

### How to assemble and mount the Shelly Motion

1. In your package as seen in **fig. 1** you will find the body of the Shelly Motion, ball arm plate and wall plate.
2. Place the ball arm plate onto the body of Shelly Motion as seen in **fig. 2**
3. Twist the ball arm plate in counter clock-wise direction as seen in **fig. 3**
4. Place the wall plate into the ball arm plate - **fig 4**
5. The assembled Shelly Motion sensor should look like **fig. 5**
6. Use the locking dowel provided in this package to mount your Shelly Motion on to the wall.

### Shelly Motion area of detection

Shelly Motion has an range of 8m or 25ft. Optimal height for mounting is between 2,2m/7,2ft and 2,5m/8,2ft.

**⚠ CAUTION!** *Shelly Motion has "No detection" area one meter in front of the sensor - **fig. 6***

**⚠ CAUTION!** *Shelly Motion has "No detection" area one meter behind solid objects(sofa, closet, etc.) - **fig. 7** and **fig. 8***

**⚠ CAUTION!** *Shelly Motion cannot detect movement through transparent objects.*

**⚠ CAUTION!** *Direct sun light or close heating sources can trigger false motion detection.*

### **Declaration of conformity**

Hereby, Allterco Robotics EOOD declares that the radio equipment type Shelly Motion is in compliance with Directive 2014/53/EU, 2014/35/EU, 2004/108/WE, 2011/65/UE. The full text of the EU declaration of conformity is available at the following internet address: <https://shelly.cloud/declaration-of-conformity/>

**Manufacturer:** Allterco Robotics EOOD

**Address:** Sofia, 1407, 103 Cherni vrah Blvd.

**Tel.:** +359 2 988 7435

**E-mail:** [support@shelly.cloud](mailto:support@shelly.cloud)

**Web:** <http://www.shelly.cloud>

Changes in the contact data are published by the Manufacturer at the official website of the Device

<http://www.shelly.cloud>

The User is obliged to stay informed for any amendments of these warranty terms before exercising his/her rights against the Manufacturer.

All rights to trademarks She® and Shelly® , and other intellectual rights associated with this Device belong to Allterco Robotics EOOD.



## SHELLY MOTION WLAN-SENSOR

### Einführung in die Produktwelt von Shelly

Shelly® ist eine Familie innovativer Geräte, mit denen elektrische Geräte über Mobiltelefon, PC oder Hausautomatisierungssysteme ferngesteuert werden können. Shelly® verwendet WLAN, um eine Verbindung zu den Geräten herzustellen, die gesteuert werden. Sie können sich im selben WLAN-Netzwerk befinden oder den Fernzugriff (über das Internet) verwenden. Shelly® kann unabhängig arbeiten, ohne von einem Heimautomatisierungscontroller verwaltet zu werden und zwar im lokalen WLAN-Netzwerk sowie über einen Cloud-Dienst von jedem Ort aus, an dem der Benutzer über einen Internetzugang verfügt. Shelly® verfügt über einen integrierten Webserver, über den Benutzer das Gerät einstellen, steuern und überwachen können. Shelly® verfügt über zwei WLAN-Modi - Zugangspunkt (Access Point -AP) und Benutzer Modus (Client Mode - CM). Um im Benutzer-Modus arbeiten zu können, muss sich ein WLAN-Router in Reichweite des Geräts befinden. Shelly®-Geräte können über das HTTP-Protokoll direkt mit anderen WLAN-Geräten kommunizieren. Eine API kann vom Hersteller bereitgestellt werden. Shelly®-Geräte können zur Überwachung und Steuerung zur Verfügung stehen, auch wenn sich der Benutzer außerhalb der Reichweite des lokalen WLAN-Netzwerks befindet, sofern der WLAN-Router mit dem Internet verbunden ist. Es kann die Cloud-Funktion verwendet werden, die über den Webserver des Geräts oder über die Einstellungen in der mobilen Shelly-Cloud-Anwendung (App) aktiviert wird. Der Benutzer kann die Shelly Cloud erreichen und sich registrieren, in dem er entweder Android- oder iOS-Mobilanwendungen nutzt oder einen beliebigen Internetbrowser und folgenden Website: <https://my.shelly.cloud/>

### Was ist Shelly Motion?

Shelly Motion ist ein hochempfindlicher WiFi-Bewegungssensor mit extrem geringem Stromverbrauch, der rund um die Uhr mit dem Internet verbunden ist und keinen zusätzlichen Hub benötigt.

Shelly Motion kann eine Benachrichtigung erkennen und senden, wenn sie Bewegungen erkennt oder Ihre Lichter sofort einschaltet. Das eingebaute Acylserometer dient als Schutz, wenn jemand versucht, das Gerät zu entfernen oder zu bewegen, und der eingebaute Lichtsensor bietet zusätzliche Möglichkeiten zur Automatisierung Ihres Hauses oder Büros. Shelly Motion verfügt über einen eingebauten 6500-mAh-Akku, mit dem eine Verbindung zum Internet für bis zu 3 Jahre ohne Aufladen und eine aktive Übertragung zwischen 12 und 18 Monaten möglich ist.

### Spezifikation

- Arbeitstemperatur -10 ÷ 50 ° C.
- Funkprotokoll WiFi 802.11 b / g / n
- Frequenz 2400 - 2500 MHz
- Betriebsreichweite (abhängig von der örtlichen Konstruktion) bis zu 50 m im Freien oder bis zu 30 m im Innenbereich
- Batterie - 6500mAh 3,7V

### Visuelle Angaben

Der Bewegungssensor ist mit einer LED-Diode ausgestattet, die die Betriebsarten und Alarme des Sensors signalisiert.

Blaues Licht blinkt nicht	Einschlussmodus
Rotes Licht blinkt	Bewegung erkannt und gemeldet
Grünes Licht blinkt	Bewegung erkannt, Berichterstellung deaktiviert
Blau / Grün / Rot-Sequenz	Neustart oder Vibration erkannt
Blaues Licht blinkt	Firmware Update
Blaues Licht einmal blinken	Einstellungen ändern sich

### Tastenbenutzerinteraktion

- Kurzes Drücken (AP-Modus) - Aufwecken aus dem AP-Schlafmodus (AP ist nur für 3 Minuten und Gerät ausgeschaltet, Akku spart Transportmodus)
- Kurz drücken (STA MODE) - Sendestatus

- 5 Sekunden lang drücken (STA-Modus) - AP-Modus
  - Langes Drücken 10 Sek. (STA-Modus) - Werksreset
- Drücken Sie die Taste mit dem Stift wie gezeigt



## Installationsanleitung

**⚠ VORSICHT!** Bevor Sie mit der Installation beginnen, lesen Sie bitte die zugehörige Dokumentation sorgfältig und vollständig durch. Die Nichtbeachtung der empfohlenen Verfahren kann zu Fehlfunktionen, Lebensgefahr oder Gesetzesverstößen führen. Allterco Robotics haftet nicht für Verluste oder Schäden im Falle einer fehlerhaften Installation oder eines fehlerhaften Betriebs dieses Geräts.

**⚠ VORSICHT!** Lassen Sie Kinder nicht mit dem Gerät spielen, insbesondere nicht mit dem Netzschalter. Halten Sie die Geräte zur Fernsteuerung von Shelly (Mobiltelefone, Tablets, PCs) von Kindern fern.

### So montieren und montieren Sie die Shelly Motion

1. In Ihrem Paket wie in **Abb. 1** finden Sie den Körper der Shelly Motion, Kugelarmplatte und Wandplatte.
2. Legen Sie die Kugelarmplatte auf den Körper von Shelly Motion (**siehe Abb. 2**)
3. Drehen Sie die Kugelarmplatte gegen den Uhrzeigersinn (**siehe Abb. 3**)
4. Setzen Sie die Wandplatte in die Kugelarmplatte ein - **Abb. 4**
5. Der zusammengebaute Shelly Motion Sensor sollte wie in **Abb. 5** aussehen.
6. Befestigen Sie Ihren Shelly Motion mit dem in diesem Paket ent-

haltenen Verriegelungsdübel an der Wand.

## Shelly Motion Erfassungsbereich

Shelly Motion hat eine Reichweite von 8 m. Die optimale Montagehöhe liegt zwischen 2,2m/7,2ft und 2,5m/8,2ft.

**⚠ VORSICHT!** *Shelly Motion hat einen Meter vor dem Sensor den Bereich „Keine Erkennung“ - Abb. 6*

**⚠ VORSICHT!** *Shelly Motion hat einen Bereich „keine Erkennung“ einen Meter hinter festen Objekten (Sofa, Schrank usw.) - Abb. 7 und Abb. 8*

**⚠ VORSICHT!** *Shelly Motion kann keine Bewegung durch transparente Objekte erkennen.*

**⚠ VORSICHT!** *Direktes Sonnenlicht oder nahe Heizquellen können eine falsche Bewegungserkennung auslösen.*

## KONFORMITÄTSERKLÄRUNG

Hiermit erklärt Allterco Robotics EOOD, dass der Funkgerätetyp Shelly Motion der Richtlinie 2014/53 / EU, 2014/35 / EU, 2004/108 / WE, 2011/65 / UE entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter folgender Internetadresse verfügbar <https://shelly.cloud/declaration-of-conformity/>

**Hersteller:** Allterco Robotics EOOD

**Adresse:** Sofia, 1407, 103 Cherni vrah Blvd.

**Tel.:** +359 2 988 7435

**E-Mail:** [support@shelly.cloud](mailto:support@shelly.cloud)

**Web:** <http://www.shelly.cloud>

Änderungen der Kontaktdaten werden vom Hersteller auf der offiziellen Website des Geräts veröffentlicht

<http://www.shelly.cloud>

Der Benutzer ist verpflichtet, über Änderungen dieser Garantiebedingungen informiert zu bleiben, bevor er seine Rechte gegenüber dem Hersteller ausübt.

Alle Rechte an den Marken She® und Shelly® sowie andere mit diesem Gerät verbundene geistige Rechte liegen bei Allterco Robotics EOOD.

## SHELLY MOTION WIFI SENSOR

### Informazioni introduttive sui prodotti Shelly

Shelly® è il marchio di una famiglia di prodotti ad alta innovazione ideati per permettere di controllare apparecchiature elettriche a distanza, tramite un telefono cellulare, un PC o un sistema di domotica. Per connettersi ai dispositivi e controllarli, i prodotti Shelly® si avvalgono della tecnologia Wi-Fi. Possono essere connessi nella stessa rete Wi-Fi o utilizzare un accesso da remoto (tramite Internet). Inoltre, sono in grado di operare come dispositivi autonomi (senza unità di controllo domotico) nella rete Wi-Fi locale e tramite servizio cloud, da qualsiasi luogo sia disponibile un accesso a Internet. Per il controllo e il monitoraggio del prodotto Shelly® da parte dell'utente, è disponibile un server Web integrato. I dispositivi Shelly® supportano due modalità Wi-Fi, ovvero l'Access Point (AP) e la modalità Client (CM). Affinché i dispositivi funzionino in modalità Client, è necessario collocare un router Wi-Fi all'interno dei relativi raggi. In aggiunta, sono in grado di stabilire una comunicazione diretta con altri dispositivi Wi-Fi tramite il protocollo HTTP. Il Produttore può fornire un'interfaccia API. I dispositivi Shelly® possono essere utilizzati per operazioni di monitoraggio e controllo anche quando l'utente si trova all'esterno del raggio della rete Wi-Fi locale, purché il router della rete Wi-Fi sia connesso a Internet. È inoltre possibile utilizzare la funzionalità cloud, attivabile tramite il server Web del dispositivo o le impostazioni disponibili nell'applicazione mobile Shelly Cloud. L'utente ha facoltà di registrarsi e accedere all'applicazione Shelly Cloud utilizzando applicazioni mobili per Android o per iOS oppure avvalendosi di un qualsiasi browser Internet per accedere al sito Web: <https://my.shelly.cloud/>

### Cosa è Shelly Motion

Shelly Motion è un sensore di movimento WiFi a bassissima potenza ad alta sensibilità che è connesso a Internet 24 ore su 24, 7 giorni su 7 e non necessita di HUB aggiuntivo per essere utilizzato. Shelly Motion può rilevare e inviare una notifica se rileva movimenti o accende le luci all'istante. L'acilserometro integrato

funge da protezione quando qualcuno cerca di rimuovere o spostare il dispositivo e il sensore di luce integrato offre ulteriori opportunità per l'automazione della casa o dell'ufficio. Shelly Motion ha una batteria integrata da 6500mAh che gli permette di essere connesso a Internet per un massimo di 3 anni senza ricarica e in trasmissione attiva tra i 12 ei 18 mesi.

### Specifica

- Temperatura di lavoro -10 ÷ 50 ° C
- Protocollo radio WiFi 802.11 b / g / n
- Frequenza 2400-2500 MHz
- Portata operativa (a seconda della costruzione locale) fino a 50 m all'aperto o fino a 30 m all'interno
- Batteria - 6500 mAh 3,7 V.

### Indicazioni visive

Il sensore di movimento è dotato di un diodo LED, che segnala le modalità operative e gli allarmi del sensore.

Luce blu non lampeggiante	Modalità inclusione
La luce rossa lampeggia	Movimento rilevato e segnalato
La luce verde lampeggia	Rilevato movimento, segnalazione disattivata
Sequenza blu / verde / rosso	Riavvio o vibrazione rilevati
La luce blu lampeggia	Aggiornamento del firmware
Luce blu lampeggiante singolo	Modifica delle impostazioni

### Pulsante di interazione utente

- Short press (AP mode) - wake-up from AP sleep mode (AP is only for 3 minute and device power OFF, battery save transportation mode)
- Short press (STA MODE) - send status
- Long press 5 sec (STA mode) - AP mode
- Long press 10 sec (STA mode) - Factory reset

Usa il pin per premere il pulsante come mostrato.



### Istruzioni per l'installazione

**⚠ ATTENZIONE!** Prima di iniziare l'installazione, leggere attentamente e completamente la documentazione allegata. La mancata osservanza delle procedure consigliate potrebbe causare malfunzionamenti, pericolo per la vita o violazione della legge. Allterco Robotics non è responsabile per eventuali perdite o danni in caso di installazione o funzionamento errati di questo dispositivo.

**⚠ ATTENZIONE!** Non consentire ai bambini di giocare con il dispositivo, specialmente con il pulsante di accensione. Tenere i dispositivi per il controllo remoto di Shelly (telefoni cellulari, tablet, PC) lontano dalla portata dei bambini.

### Come assemblare e montare lo Shelly Motion

1. Nella confezione, come mostrato in **fig. 1** troverai il corpo dello Shelly Motion, la piastra del braccio a sfera e la piastra a muro.
2. Posizionare la piastra del braccio della sfera sul corpo di Shelly Motion come mostrato in **fig. 2**
3. Ruotare la piastra del braccio della sfera in senso antiorario come mostrato in **fig. 3**
4. Posizionare la piastra a muro nella piastra del braccio a sfera - **fig 4**
5. Il sensore di movimento Shelly assemblato dovrebbe assomigliare alla **fig. 5**
6. Utilizzare il tassello di bloccaggio fornito in questa confezione

per montare Shelly Motion sulla parete.

### Area di rilevamento di Shelly Motion

Shelly Motion ha una portata di 8 metri o 25 piedi. L'altezza ottimale per il montaggio è compresa tra 2,2m/7,2ft e 2,5m/8,2ft piedi.

**⚠ ATTENZIONE!** *Shelly Motion ha un'area "Nessun rilevamento" un metro davanti al sensore - fig. 6*

**⚠ ATTENZIONE!** *Shelly Motion ha un'area "Nessun rilevamento" un metro dietro gli oggetti solidi (divano, armadio, ecc.) - fig. 7 e fig. 8*

**⚠ ATTENZIONE!** *Shelly Motion non è in grado di rilevare il movimento attraverso oggetti trasparenti.*

**⚠ ATTENZIONE!** *La luce solare diretta o le fonti di calore vicine possono attivare il rilevamento di falsi movimenti.*

### DICHIARAZIONE DI CONFORMITÀ

Con la presente, Allterco Robotics EOOD dichiara che il tipo di apparecchiatura radio Shelly Motion è conforme alla Direttiva 2014/53 / UE, 2014/35 / UE, 2004/108 / WE, 2011/65 / UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet <https://shelly.cloud/declaration-of-conformity/>

**Produttore:** Allterco Robotics EOOD

**Indirizzo:** Sofia, 1407, 103 Cherni vrah Blvd.

**Tel.:** +359 2 988 7435

**E-mail:** [support@shelly.cloud](mailto:support@shelly.cloud)

**Web:** <http://www.shelly.cloud>

Le modifiche ai dati di contatto sono pubblicate dal Produttore sul sito web ufficiale del Dispositivo <http://www.shelly.cloud>

L'Utente è tenuto a rimanere informato per eventuali modifiche dei presenti termini di garanzia prima di esercitare i propri diritti nei confronti del Produttore.

Tutti i diritti sui marchi She® e Shelly® e altri diritti intellettuali associati a questo Dispositivo appartengono a Allterco Robotics EOOD.



## EL SENSOR DE MOVIMIENTO WIFI SHELLY

### Introducción a Shelly

Shelly® es una familia de dispositivos innovadores, que permiten el control remoto de electrodomésticos a través de teléfono móvil, PC o sistema domótico. Shelly® usa WiFi para conectarse a los dispositivos que lo controlan. Pueden estar en la misma red WiFi o pueden utilizar el acceso remoto (a través de Internet). Shelly® puede funcionar de forma autónoma, sin ser gestionada por un controlador domótico, en la red WiFi local, así como a través de un servicio en la nube, desde cualquier lugar donde el Usuario tenga acceso a Internet. Shelly® tiene un servidor web integrado, a través del cual el Usuario puede ajustar, controlar y monitorear el Dispositivo. Shelly® tiene dos modos WiFi: punto de acceso (AP) y modo Cliente (CM). Para operar en modo cliente, un enrutador WiFi debe estar ubicado dentro del alcance del dispositivo. Los dispositivos Shelly® pueden comunicarse directamente con otros dispositivos WiFi a través del protocolo HTTP. El fabricante puede proporcionar una API. Los dispositivos Shelly® pueden estar disponibles para monitorear y controlar incluso si el Usuario está fuera del alcance de la red WiFi local, siempre que el enrutador WiFi esté conectado a Internet. Se podría utilizar la función de nube, que se activa a través del servidor web del Dispositivo o mediante la configuración en la aplicación móvil Shelly Cloud. El Usuario puede registrarse y acceder a Shelly Cloud, utilizando aplicaciones móviles Android o iOS, o cualquier navegador de Internet y el sitio de control web: <https://my.shelly.cloud/>

### ¿Qué es Shelly Motion?

Shelly Motion es un sensor de movimiento WiFi de muy baja potencia y súper sensible que está conectado a Internet las 24 horas del día y no requiere un HUB adicional para su uso. Shelly Motion puede detectar y enviar una notificación si detecta movimiento o incluso puede encender las luces al instante. El acilserómetro integrado sirve como protección cuando alguien intenta quitar o

mover el dispositivo, y el sensor de luz integrado brinda posibilidades adicionales para automatizar su hogar u oficina. Shelly Motion lleva incorporada una batería de 6500 mAh que le permite estar conectado a Internet hasta 3 años sin ser recargado, y en transmisión activa entre 12 y 18 meses.

## Especificaciones

- Temperatura de funcionamiento  $-10 \div 50^{\circ}\text{C}$
- Protocolo de radio WiFi 802.11 b/g/n
- Frecuencia 2400 - 2500 MHz
- Alcance operativo (dependiendo de la construcción local) hasta 50 m en exterior o hasta 30 m en interior
- Batería - 6500mAh 3.7V

## Señales visuales

El sensor de movimiento está equipado con un diodo LED, que indica los modos de funcionamiento del sensor y las alarmas.

Luz azul no parpadeante	Modo de inclusión
Luz roja parpadeante	Movimiento detectado y comunicado
Luz verde parpadeante	Movimiento detectado, señalización desactivada
Secuencia azul/verde/rojo	Reinicio o vibración detectada
Luz azul parpadeante	Actualización del firmware
Luz azul con un solo destello	Modificación de los parámetros

## Botón de la interfaz del usuario

- Presión corta (modo PA) - despertar del modo de espera PA (PA sólo dura 3 minutos y el dispositivo está apagado, modo de transporte con ahorro de batería)
- Pulsación corta (STA MODE) - estado de envío
- Presión larga 5 seg. (modo STA) - modo PA
- Presión larga 10 seg. (modo STA) - Restablecer los ajustes de fábrica.

Use el alfiler para pulsar el botón como se muestra.



## Instrucciones de instalación

**⚠ ¡ATENCIÓN!** Antes de comenzar la instalación, por favor, lea la documentación adjunta con cuidado y completamente. El incumplimiento de los procedimientos recomendados puede dar lugar a un mal funcionamiento, peligro para su vida o violación de la ley. Allterco Robotics no se hace responsable de ninguna pérdida o daño que resulte de la instalación o uso inadecuado de esta unidad.

**⚠ ¡ATENCIÓN!** No permita que los niños jueguen con la unidad, especialmente con el botón de encendido. Mantenga los dispositivos de control remoto de Shelly (teléfonos móviles, tabletas, PC) fuera del alcance de los niños.

## Cómo armar y montar su Shelly Motion

1. En su paquete, como se muestra en la **imagen 1**, encontrará el cuerpo de Shelly Motion, la placa del brazo de la bola y la placa de la pared.
2. Coloca la placa del brazo de la bola en el cuerpo de Shelly Motion como se muestra en la **imagen 2**.
3. Gire la placa del brazo de la bola en sentido contrario a las agujas del reloj como se muestra en la **imagen 3**.
4. Coloca el plato de la pared en la placa del brazo de la bola - **imagen 4**.
5. El sensor de Shelly Motion montado debería parecerse a la **imagen. 5**

6. Use el pasador de seguridad provisto en este paquete para asegurar su Shelly Motion a la pared.

### Zona de detección de Shelly Motion

Shelly Motion tiene un rango de 20 o 25 pies. La altura óptima para el montaje es entre 2,2m/7,2ft y 2,5m/8,2ft.

**⚠ ¡ATENCIÓN!** *El Shelly Motion tiene un rango de "no detección" de un metro delante del sensor - imagen. 6*

**⚠ ¡ATENCIÓN!** *El Shelly Motion tiene una zona de "no detección" de un metro detrás de los objetos sólidos (sofá, armario, etc.) - imagen. 7 e imagen. 8*

**⚠ ¡ATENCIÓN!** *Shelly Motion no puede detectar el movimiento a través de objetos transparentes.*

**⚠ ¡ATENCIÓN!** *La luz solar directa o las fuentes de calor cercanas pueden causar una falsa detección de movimiento.*

### DECLARACIÓN DE CONFORMIDAD

Por la presente, Allterco Robotics EOOD declara que el equipo de radio tipo Shelly Motion cumple con la Directiva 2014/53 / EU, 2014/35 / EU, 2004/108 / WE, 2011/65 / UE. El texto completo de la declaración UE de conformidad está disponible en la siguiente dirección de Internet <https://shelly.cloud/declaration-of-conformity/>

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Los cambios en los datos de contacto son publicados por el Fabricante en el sitio web oficial del Dispositivo: <http://www.shelly.cloud>

El Usuario está obligado a mantenerse informado de cualquier modificación de estos términos de garantía antes de ejercer sus derechos frente al Fabricante.

Todos los derechos de las marcas comerciales She® y Shelly®, y otros derechos intelectuales asociados con este Dispositivo pertenecen a Allterco Robotics EOOD.

## DETETOR DE MOVIMENTO SHELLY WIFI

### Introdução à Shelly

Shelly® é uma família de Dispositivos inovadores, que permitem o controlo remoto de aparelhos elétricos através do telemóvel, PC ou sistema de automatização doméstica. Shelly® usa WiFi para se conectar aos dispositivos que o controlam. Estes podem estar na mesma rede WiFi ou podem usar o acesso remoto (através da Internet). Shelly® pode funcionar de forma autónoma, sem ser gerido por um controlador de automação doméstica, na rede WiFi local, bem como através de um serviço em nuvem, de qualquer lugar onde o usuário tenha acesso à Internet. A Shelly® possui um servidor web integrado, através do qual o Usuário pode ajustar, controlar e gerir o Dispositivo. Shelly® tem dois modos por WiFi - Ponto de acesso (AP) e modo Cliente (CM). Para operar no Modo Cliente, um router WiFi deve estar localizado dentro do alcance do dispositivo. Os dispositivos Shelly® podem-se comunicar diretamente com outros dispositivos WiFi por meio do protocolo HTTP. Um API pode ser fornecido pelo Fabricante. Os dispositivos Shelly® podem estar disponíveis para acompanhar e controlar mesmo se o usuário estiver fora do alcance da rede WiFi local, desde que o router WiFi esteja conectado à Internet. Pode ser utilizada a função nuvem, que é ativada através do servidor web do Dispositivo ou através das definições da aplicação móvel Shelly Cloud. O usuário pode registrar-se e aceder ao Shelly Cloud, usando as aplicações móveis no Android ou iOS, ou em qualquer navegador de internet e o website: <https://my.shelly.cloud/>

### O que é Shelly Motion

Shelly Motion é um sensor de movimento WiFi de ultra-baixo consumo, altamente sensível, que se conecta à internet 24/7 e não necessita de qualquer HUB para ser utilizado. Shelly Motion consegue detetar movimento e, se detetar, enviar uma notificação ou acender luzes imediatamente. O acelerómetro incorporado serve de proteção quando alguém tenta remover o dispositivo ou mu-

dá-lo de local, e o sensor de luz incorporado permite também a automação de sua casa ou escritório. Shelly Motion possui uma bateria de 6500mAh, não removível, que permite que o dispositivo permaneça conectado à internet até 3 anos sem necessitar recarregamento, e em transmissão ativa entre 12 e 18 meses.

### Especificações

- Temperatura de funcionamento -10 ÷ 50°C
- Protocolo de rádio - WiFi 802.11 b/g/n
- Frequência - 2400 – 2500 MHz
- Alcance de funcionamento (dependendo da construção do local) até 50 m ao ar livre ou até 30 m em espaços fechados
- Bateria - 6500mAh 3,7V

### Indicações visuais

O Detetor de Movimento está equipado com um diodo LED, sinalizado os modos de funcionamento e alarmes.

Luz azul contínua	Modo de inclusão
Luz vermelha intermitente	Movimento detetado e reportado
Luz verde intermitente	Movimento detetado, reporte desativado
Sequência Azul/Verde/ Vermelho	Reinicialização ou Vibração detetada
Luz azul intermitente	Atualização de Firmware
Luz azul, piscar único	Alteração de configuração

### Interação com o interruptor

- Pressione brevemente (modo AP) - acorda do modo de descanso (AP é apenas por 3 minutos e o dispositivo desliga, modo de poupança de bateria)
- Pressione brevemente (modo STA) - envia estado
- Pressione por 5 segundos (modo STA) - Modo AP
- Pressione por 10 segundos (modo STA) - Configuração de fá-

brica.

Use um objeto pontegado para pressionar como ilustrado.



### Instruções de Instalação

**⚠ ATENÇÃO!** Antes de iniciar a instalação, por favor leia na íntegra e com atenção a documentação que acompanha o dispositivo. O incumprimento dos procedimentos e recomendações pode dar origem a avarias, colocar em perigo a sua vida ou violar a lei. Allterco Robotics não se responsabiliza por quaisquer perdas ou danos em caso de instalação ou operação incorrecta deste dispositivo.

**⚠ ATENÇÃO!** Não deixe crianças brincarem com este dispositivo, especialmente com o Interruptor. Não deixe os dispositivos de controlo remoto do Shelly (telemóveis, tablet, PCs) ao alcance de crianças.

### Como montar o Shelly Motion

1. Na embalagem, tal como ilustrado na **fig. 1** encontrará a parte principal do Shelly Motion, o braço de suporte e o suporte de parede.
2. Encaixe o braço de suporte na parte principal do Shelly Motion tal como ilustrado na **fig. 2**
3. Rode o braço de suporte no sentido dos ponteiros de um relógio tal como ilustrado na **fig. 3**
4. Encaixe a suporte de parede no braço de suporte - **fig. 4**
5. O sensor Shelly Motion deve ficar igual à **fig. 5**
6. Use o pino de travamento fornecido com o produto para montar

o seu Shelly Motion na parede.

### Área de deteção do Shelly Motion

Shelly Motion tem um alcance de 8m ou 25 pés. A altura recomendada para a montagem é entre 2,2m/7,2ft e 2,5m/8,2ft.

**⚠ ATENÇÃO!** *Shelly Motion tem uma área "sem deteção" 1 m à frente do sensor - fig. 6*

**⚠ ATENÇÃO!** *Shelly Motion tem uma área "sem deteção" 1 m atrás de objetos sólidos (sofá, armário, etc.) - fig. 7 e fig. 8*

**⚠ ATENÇÃO!** *Shelly Motion não deteta movimento através de objetos transparentes.*

**⚠ ATENÇÃO!** *Luz solar direta ou fontes de calor próximas podem produzir falsas deteções de movimento.*

### Declaração de conformidade

Pelo presente, Allterco Robotics EOOD declara que o equipamento de rádio do tipo Shelly Motion está em conformidade com a Diretiva 2014/53/EU, 2014/35/EU, 2004/108/WE, 2011/65/UE. O texto completo da declaração de conformidade da U.E. está disponível no seguinte endereço online <https://shelly.cloud/declaration-of-conformity/>

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As alterações nos dados de contato são publicadas pelo Fabricante no site oficial do Dispositivo:

<http://www.shelly.cloud>

O usuário é obrigado a manter-se informado sobre qualquer alteração destes termos de garantia antes de exercer os seus direitos contra o Fabricante.

Todos os direitos para as marcas registadas She® e Shelly® e outros direitos intelectuais associados a este Dispositivo pertencem à Allterco Robotics EOOD.



## SHELLY MOTION WIFI SENSOR

### Présentation de Shelly

Shelly® est une famille de produits innovants qui permet de contrôler des équipements électriques à travers un smartphone, un PC ou un système domotique. Shelly® utilise le WiFi pour connecter les périphériques et les contrôler. Ils peuvent s'installer dans le même réseau local ou être contrôlés à distance. Shelly® peut fonctionner seul, sans être contrôlé par une centrale domotique sur le réseau local, ou à travers un service cloud de n'importe où l'utilisateur dispose d'une connexion à internet. Shelly® dispose d'un serveur web embarqué à travers lequel l'utilisateur peut configurer, contrôler et superviser le périphérique. Shelly® peut se connecter suivant deux modes - mode point d'accès (AP) , mode client (CM). Pour fonctionner en mode client, un routeur WiFi doit être placé à la portée du module. Les modules Shelly® peuvent communiquer avec d'autres périphériques WiFi à travers le protocole HTTP. Une API peut être fournie par la fabriquant. Les modules Shelly® peuvent être contrôlés et supervisés même si l'utilisateur est hors de portée du réseau local WiFi, tant que le routeur est connecté à internet. La fonction cloud peut être utilisée, vous pouvez l'activer soit à partir du serveur web embarqué soit à travers l'application Shelly Cloud. L'utilisateur peut s'enregistrer et accéder à Shelly Cloud à partir de l'application Android ou iOS ou tout navigateur internet en se connectant sur l'adresse: <https://my.shelly.cloud/>

### Qu'est-ce que Shelly Motion?

Shelly Motion est un capteur de mouvement WiFi ultra-basse puissance et très sensible qui est connecté à Internet 24 heures sur 24 et 7 jours sur 7 et qui ne nécessite pas de HUB supplémentaire pour être utilisé. Shelly Motion peut détecter et envoyer une notification s'il détecte un mouvement ou il peut même allumer vos lumières instantanément. L'acylseromètre intégré sert de protection lorsque quelqu'un tente de retirer ou de déplacer l'appareil, et le capteur de lumière intégré offre des possibilités supplémentaires

d'automatisation de votre maison ou de votre bureau. Shelly Motion possède une batterie intégrée de 6500 mAh qui lui permet d'être connecté à l'internet jusqu'à 3 ans sans être rechargé, et en transmission active entre 12 et 18 mois.

### Spécifications

- Température de fonctionnement -10 ÷ 50°C
- Protocole radio WiFi 802.11 b/g/n
- Fréquence 2400 - 2500 MHz
- Portée opérationnelle (selon la construction locale) jusqu'à 50 m à l'extérieur ou jusqu'à 30 m en intérieur
- Batterie - 6500mAh 3,7V

### Indications visuelles

Le capteur de mouvement est équipé d'une diode LED, signalant les modes de fonctionnement du capteur et les alarmes.

Lumière bleue non clignotante	Mode d'inclusion
Clignotement de la lumière rouge	Mouvement détecté et signalé
Clignotement de la lumière verte	Mouvement détecté, signalement désactivé
Séquence bleue/verte/rouge	Redémarrage ou vibration détecté
Clignotement de la lumière bleue	Mise à jour du microprogramme
Lumière bleue avec un seul clignotement	Modification des paramètres

### Bouton d'interaction utilisateur

- Pression courte (mode PA) - réveil du mode de veille PA (PA ne dure que 3 minutes et l'appareil est éteint, mode de transport économiseur de batterie)
- Presse courte (MODE STA) - état d'envoi
- Pression longue 5 sec (mode STA) - Mode PA
- Pression longue 10 sec (mode STA) - Réinitialisation des paramètres d'usine.

Utilisez l'épingle pour appuyer sur le bouton comme indiqué.



## Instructions d'installation

**⚠ ATTENTION!** Avant de démarrer l'installation, veuillez lire attentivement et entièrement la documentation qui l'accompagne. Le non-respect des procédures recommandées peut entraîner un dysfonctionnement, un danger pour votre vie ou une violation de la loi. Allterco Robotics n'est pas responsable de toute perte ou dommage en cas d'installation ou d'utilisation incorrecte de cet appareil.

**⚠ ATTENTION!** Ne laissez pas les enfants jouer avec l'appareil, en particulier le bouton d'alimentation. Gardez les appareils de contrôle à distance Shelly (téléphones portables, tablettes, PC) hors de portée des enfants.

## Comment assembler et monter votre Shelly Motion

1. Dans votre package, comme le montre **l'image 1**, vous trouverez le corps du Shelly Motion, la plaque de bras sphérique et la plaque murale.
2. Placez la plaque de bras sphérique sur le corps du Shelly Motion comme indiqué sur **l'image 2**
3. Tournez la plaque du bras sphérique dans le sens inverse des aiguilles d'une montre, comme indiqué sur **l'image 3**.
4. Placez la plaque murale dans la plaque du bras sphérique - **image 4**.
5. Le capteur de mouvement Shelly assemblé devrait ressembler à **l'image 5**
6. Utilisez la cheville de verrouillage fournie dans ce paquet pour

fixer votre Shelly Motion au mur.

### Zone de détection du Shelly Motion

Shelly Motion a une portée de 8m ou 25ft. La hauteur optimale pour le montage se situe entre 2,2m/7,2ft et 2,5m/8,2ft.

**⚠ ATTENTION!** *Le Shelly Motion a une zone de «non détection» d'un mètre devant le capteur - image. 6*

**⚠ ATTENTION!** *Le Shelly Motion a une zone de «non détection» d'un mètre derrière les objets solides (canapé, placard, etc.) - image. 7 et image. 8*

**⚠ ATTENTION!** *Shelly Motion ne peut pas détecter les mouvements à travers des objets transparents.*

**⚠ ATTENTION!** *La lumière directe du soleil ou des sources de chaleur proches peuvent déclencher une fausse détection de mouvement.*

### Déclaration de conformité

Par la présente, Allterco Robotics EOOD déclare que l'équipement radio de type Shelly Motion est conforme à la directive 2014/53/UE, 2014/35/UE, 2004/108/WE, 2011/65/UE. Le texte complet de la déclaration de conformité de l'UE est disponible à l'adresse internet suivante <https://shelly.cloud/declaration-of-conformity/>

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**Web:** <http://www.shelly.cloud>

Les modifications des données de contact sont publiées par le fabricant sur le site web officiel du dispositif :

<http://www.shelly.cloud>

L'utilisateur est tenu de se tenir informé de toute modification des présentes conditions de garantie avant d'exercer ses droits à l'encontre du fabricant. Tous les droits sur les marques She® et Shelly®, ainsi que les autres droits intellectuels associés à ce dispositif appartiennent à Allterco Robotics EOOD.

## HOW TO SETUP AND USE

**⚠ IMPORTANT!** *Before beginning the installation, please read the accompanying documentation carefully and completely. Failure to follow recommended procedures could lead to malfunction, danger to your life or violation of the law. Allterco Robotics is not responsible for any loss or damage in case of incorrect installation or operation of this device!*

**⚠ WARNING!** *Do not allow children to play with the device, especially with the Power Button. Keep the devices for remote control of Shelly (mobile phones, tablets, PCs) away from children.*

## CONTROL YOUR HOME WITH YOUR VOICE

All Shelly devices are compatible with Amazon Echo and Google Home. Please see our step-by-step guide on:

<https://shelly.cloud/compatibility>

## BEFORE FIRST USE

### Charge the device

Shelly Motion supports fast charging. Use a USB charger with a minimum capacity of 1A/5V DC to take advantage of this feature. It is advisable to fully charge the Shelly motion before using it. During charging you will see a red light next to the USB port which is located at the bottom of the device. When it is fully charged, it will go out.

## Power on

To turn on the Shelly Motion, use a stick or pin to press the button next to the USB connector as shown below.



## Prepare device for inclusion

To be successfully added to your Wi-Fi network, Shelly Motion must glow **BLUE**. If this is not the case, please use a pin and press and hold the button next to the USB port for 10 seconds. This will put the device in INCLUSION mode and turn its Wi-Fi mode on an Access Point named **shellymotion-xxxxxxx**



## INSTALL SHELLY APPLICATION

Shelly Cloud gives you opportunity to control and adjust all Shelly® Devices from anywhere in the world. You only need an internet connection and our mobile application, installed on your smartphone or tablet.



## Registration

The first time you load the Shelly Cloud mobile app, you have to create an account which can manage all your Shelly® devices.


## Forgotten Password

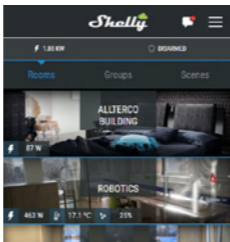
In case you forget or lose your password, just enter the e-mail address you have used in your registration. You will then receive instructions to change your password.

**⚠ IMPORTANT!** *Be careful when you type your e-mail address during the registration, as it will be used in case you forget your password.*

## Include it to your WiFi with Shelly CLOUD APP

**⚠ IMPORTANT!** *Before adding a new device, your phone MUST be connected to the same WiFi network where you want to add devices. **DO NOT** connect your phone to WiFi network created from Shelly devices.*

You need to have at least one created room in the Shelly Cloud App before adding Shelly Motion to it. Otherwise create a room. Click on the hamburger menu icon in the upper right corner 



Choose **ADD DEVICE** from the menu, click on it and follow instructions.

### Include it to your WiFi manually

Shelly motion can be added to your home WiFi network without using the Shelly Cloud APP. To do this, search on your PC or phone for a Wi-Fi network named shellymotion-xxxxxxx. Connect to it and open <http://192.168.33.1> with the browser on your phone or computer. Choose Internet and Security menu, enable WiFi mode – CLIENT and enter your WiFi network credentials.

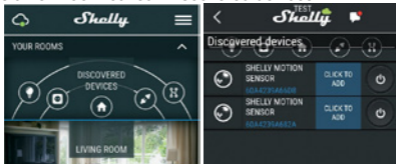




When Shelly Motion connects to your WiFi network, the blue light will go out.

## Add device to your account

When the device is added successfully to your WiFi network you will see a new room called "Discovered devices".



**⚠ IMPORTANT!** *The device you added may require a firmware update before it can be used. In this case, you must wait for this to be done before proceeding. Do not reboot the sensor until the firmware update is finished. Flashing Blue light followed by 1 minute no light and final Blue/Red/Green sequence is indication of successful firmware update.*

Select the found devices and add them to the room you have selected.



## MOTION SENSOR FEATURES AND SETTINGS

After adding the sensor to your account, you can change its settings according to your needs. Settings can be changed both through Shelly Cloud app and through the local web page of the device, which you can open through a browser.

### SHELLY CLOUD APP – Motion status

In the Shelly Cloud App movement can be detected both on room and sensor level.



No motion



Motion detected



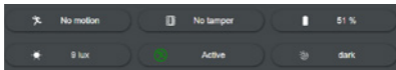
Motion detection deactivated



Vibration or movement is detected.

## DEVICE WEB PAGE – MOTION STATUS

Opening device page by IP manually, the following statuses are available: motion status, vibration detection, battery level, light intensity, sensor activity status and lightning mode.



### Sensor control

In this menu you can set the basic parameters for the operation of the sensor.

#### Illumination definitions

Shelly Motion has a built-in light sensor. It measures light intensity in Lux, which can differ from the values measured by other devices, depending on the measurement specifics and location of the device. You can assign three different light modes: Dark, Twilight and Bright. Each light mode can have custom predefined sensitivity values. By default Dark is under 100, Twilight is between 100 and 500 and Bright is above 500.

#### Motion sensitivity

Allows you to adjust the sensor's level of sensitivity. By default, the value is 50, which allows the detection of objects over 15 kg at a distance of 5 meters. If you have a pet, setting this value will allow the sensor not to detect it while moving. Importantly, large pets can be detected, especially if they stand on their hind legs. You can adjust sensor sensitivity level based on your needs.

#### Motion blind time

Can be set in the range of 1 to 5 minutes. Within the Blind time period, motion detections will not be reported. Only motions detected after Blind time, will be reported and information will be send.

### **Motion pulse count**

Allows the sensor to send alerts only if motion is repeated. It is usually used to avoid false positives. The default value is 1, if you have false positives you can increase it up to 4.

### **Motion detection operating mode**

Lights control based on certain lighting conditions, The options are "In any light", only when it is dark, "Dusk" or "Light". If the sensor is not in the specified range of illumination, it will not detect movement and will not perform any action.

### **Tamper alarm sensitivity**

Shelly Motion has a built-in accelerometer to detect vibration and temper. If someone is trying to divert or move it from where you placed it you will be notified. You can adjust sensitivity level based on your convenience and location. This may be needed if you use the sensor in a place where there may be vibrations from vehicles or other causes.

### **Motion sensor**

From here you can enable or disable device motion detection. When disabled, the sensor will not send information in case of motion until you Enable it again.

### **Sleep time**

This feature allows you to temporarily disable the sensor to detect and send movement information for certain period of time. After the specified time has expired, the sensor will be reactivated. The sleep time can be terminated manually by enabling it from the Sensor Motion menu.

## **Weekly scheduling**

### **Schedule timer**

Shelly motion supports modes of operations based on day, time, sunrise and sunset parameters. To select the operating mode, select the time or position of the sun and one of the two possible options: Activate / Deactivate motion detection. This allows you to define you to be notified in case of unauthorized movement detection.

## Internet & Security

### Wifi mode – client

WiFi network settings and information, including the option to set up a fixed IP address.

### Wifi client backup

Backup network settings in case the sensor is lost or cannot be connected to the primary WiFi network.

**⚠ ATTENTION!** *After connecting the backup WiFi network, the sensor will remain connected to it until disconnected or restart it.*

### Wifi mode - access point

By default, during first use, Shelly Motion creates a network named shellymotion-xxxx without a password. You can change the network name and set a password.

### Restrict login

Shelly motion can be set up by opening the IP address on the Wi-Fi network. To restrict access to its built-in Web interface, you can specify a name and password. This is often necessary if the sensor is located in public networks with access by many users.

### SNTP server

Server from where the device synchronize time and date.

### MQTT and COAP settings

MQTT and COAP settings allowing the sensor to connect directly to 3-party automation systems. Can be enabled/disabled separately.

### Cloud

Ability to deactivate or activate the connection to Shelly Cloud. This option works independently of MQTT and CoAP

## Actions – Control your other devices directly

This feature allows Shelly motion to control other devices on the local network or the Internet (IFTTT and others) without a cloud or other automation system. If you have a Shelly relay or a light bulb or other device that can be controlled via the Internet, then Shelly Motion can send the command directly. For more information about the commands you can send to control other Shelly

devices directly:

[https://shelly.cloud/documents/developers/ddd\\_communication.pdf](https://shelly.cloud/documents/developers/ddd_communication.pdf)

and <https://shelly-api-docs.shelly.cloud/>

The following options for performing URL action are possible:

- Motion detected
- Motion detected in dark
- Motion detected in twilight
- Motion detected in bright
- End of motion detected
- Tamper alarm detected
- End of tamper alarm

Each of them supports up to 5 URLs that will be executed when motion is detected, end of motion or vibration. In addition, each of the 5 action URLs can be limited in time. This allows you to set the sensor to control the light intensity (if you use a Shelly Dimmer or other device with similar capabilities) to be specific to different times of the day. You can also control any other device according to the time of day.

## Settings

### Led light control

To turn off the light indication when motion or vibration is detected.

### Firmware update

Check for a new firmware version and update it.

**⚠ ATTENTION!** *Do not reboot the sensor until Firmware update is finished. Flashing Blue light followed by 1 minute no light and final Blue/Red/Green sequence is indication of successful firmware update.*

### Time zone and geo-location

Change your Timezone and set a new location.

### Device name

Use a friendly device name, if you use Shelly Cloud APP the name can be automatically populated.

## **Factory reset**

Restore factory settings

## **Device reboot**

Reboots the Shelly Motion.

## **Device info**

Connectivity settings and ID of the device.

## **Battery lifetime and optimisation**

Shelly Motion sensor is a battery-powered device that is permanently connected to the Wi-Fi network and the Internet. In stand-by mode it can reach up to 3 years of operation without recharging and in cases of active movement between 12 - 18 months. However, in order to be able to achieve the specified operating times in it is extremely important to comply with the following requirements:

1. Mount the sensor in place with a strong enough WiFi signal. It is desirable that the RSSI is better than -70 dB.
2. Do not open the local page of the device unnecessarily. It is not designed to continuously exchange data to read its settings and status. In case of an event, device will immediately send the necessary information to Cloud, Local Server or execute Actions. If you have opened the local page, close it as soon as you make changes to the settings you want.
3. If the device is set in a place where there is frequent movement, consider whether it is necessary to report it 24/7 or only at certain time intervals, if so, create a Weekly Schedule when to send the information about that.
4. Do not place the device outdoor in direct sunlight, high humidity or the risk of water droplets falling on it. Shelly motion sensor is made for Indoor usage or in well covered places.

# *Shelly* MOTION

CE  RoHS  
COMPLIANT

