zipato®
ZIPAMICRO

smart home server

quick-start guide v0.8

Z WAVE PLUS

INTRODUCTION

WHAT IS ZIPATO

Zipato is the system which lets you control, monitor and automate your home or office from anywhere in the world.

Zipato system is based on Zipato Server software which connects various smart devices and manage them according to your own specific settings. Besides recommended Zipato's own range of smart devices, there are also hundreds of other compatible smart devices available in the market which you can with Zipato Server software, such as: motion and door/window sensors, sirens, motor controllers, thermostats, light switches and dimmers, valve controllers and so on…

Zipato Server can be connected to Zipato Cloud over standard Internet connection. Although it is recommended to have it constantly available, it is only necessary to have this connection available during the system setup, and for controlling the system from outside of your local network. All other activities including local control, scenes, rules, alarms and so on, Zipato Server is processing independently of the Zipato Cloud and Internet in general.

Zipato's wide range of unique features and possibilities makes it one of the most popular control and automation systems in the World.

MEET THE ZIPAMICRO

Zipamicro is the smallest in the range of Zipato' devices which are based on Zipato Server software. It has Z-wave radio module built inside which enables connection of any Z-wave and Z-wave plus compatible device. Furthermore, it features both WiFi and Ethernet IP interface which enables easy and reliable Internet connection, as well as connecting various popular IP based smart devices (such as Nest, Philips Hue, Sonos, etc…).

Since Zipamicro runs the Zipato Server software, it enables all of it's smart features and possibilities. Additionally, Zipamicro can run the Zipato Server PRO and even become a part of Zipato Server Network. More info about Zipato Server PRO and Zipato Server Network you can find on **www.zipato.com**.

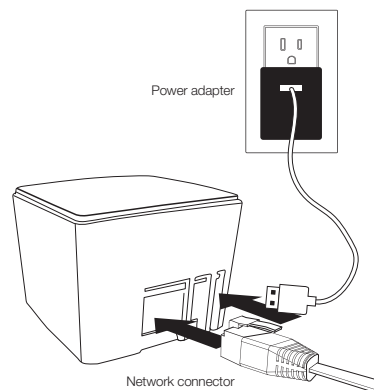CONNECT   CONTROL   MONITOR

ALERT   AUTOMATE   IP CAMERAS

SETUP

SETUP IS BREEZE

- ■ UNPACK.
  Aside of this manual, you should find Zipamicro, ethernet cable, and power adapter included in your pack.
- ■ NETWORK CONNECTION.
  Connect your Zipamicro to your Internet router using the included Ethernet cable.
- ■ POWERING UP.
  Plug in the power adapter to an out let and attach the power connector to the back of the Zipamicro.

- ■ GO TO **my.zipato.com**.
  Continue setting up your Zipato system by going to **my.zipato.com** where you have to register your Zipamicro by following the on-screen instructions.

Power adapter

Network connector

SAFETY INSTRUCTIONS

Disconnect the network cable and power adapter or any other connected peripherals if any of the following conditions exist:

- ■ The power cord or connector is damaged or frayed.
- ■ You want to clean the Zipamicro (see Important Safety Instructions).
- ■ The Zipamicro or attached cables are exposed to rain, water/fluids, or excessive moisture.
- ■ The Zipamicro power adapter is damaged or has been dropped and you suspect it needs to be serviced.

IMPORTANT SAFETY INSTRUCTIONS

- ■ Read, keep, and follow these instructions.
- ■ Heed all warnings.
- ■ Do not use this product near water or expose the product to dripping or splashing of any water or liquid.
- ■ Clean only with a dry cloth.
- ■ Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
- ■ Only use attachments and accessories specified by the manufacturer.

Avoid installing the Zipato Zipamicro near or inside sources of metal, radio, or electromagnetic interference. Vermeiden Sie die Installation des Zipato Zipamicro in oder in der Nähe von Metall, Funkantennen, oder anderen elektromagnetischen Störsendern Éviter l'installation du Zipamicro Zipato a à proximité ou à l'intérieur d'objets métalliques ou de sources d'interférences radioélectriques ou électromagnétiques.
WARNING: No user-serviceable parts inside. Refer all servicing to qualified service personnel.
IMPORTANT CONSUMER INFORMATION: Please read before activating or using the device.

CORRECT DISPOSAL OF BATTERIES IN THIS PRODUCT

(Waste Electrical & Electronic Equipment)
(Applicable in countries with separate collection systems)
This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal. This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment. To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

DISCLAIMER

Some content and services accessible through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws. Such content and services are provided solely for your personal non-commercial use. You may not use any content or services in a manner that has not been authorised by the content owner or service provider. Without limiting the foregoing, unless expressly authorised by the applicable content owner or service provider, you may not modify, copy, republish, upload, post, transmit, translate, sell, create derivative works, exploit, or distribute in any manner or medium any content or services displayed through this device.

CERTIFICATIONS

DECLARATION OF CONFORMITY

We, Tri plus grupa d.o.o., Croatia, 10000 Zagreb, Banjavciceva 11, declare that the product ZipaMicro, models: zm.zwau, zm.zweu.b, zm.zweu.g, zm.zwin, zm.zwis, zm.zwru, zm.zwus (suffix: ".g" marks German type charger, ".b" marks British type charger) is in the compliance with the requirements of the following RED and RoHS standards, and that it satisfies all the technical regulations applicable to the product within the scope of Council Directives 2014/53/EU.

EN 300 328 V2.1.1; EN 301 489-01 V2.1.1; EN 301 489-17 V3.1.1; EN 60950; EN 62311; EN 300 320; IEC 62321; EN55032 / EN5502; EN 55022:2010+AC:2011; EN 55024:2010+A1:2015 0

Sebastian Popovic, CEO

This device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.
1. The device complies with RF specifications when the device used at 20mm from your body.
2. The product shall only be connected to a USB interface of version USB2.0
3. Adapter shall be installed near the equipment and shall be easily accessible.
4. The plug considered as disconnect device of adapter.
5. The device complies with RF specifications when the device used at 15mm form your body.
Care for the environment! Must not be discarded with household waste!

RF Secification

Function	Operation Frequency	Max RF outputpower	Limit
WIFI 802.11b/ g/n(HT20,)	802.11b/g/ n(20MHz): 2412~2472MHz;	802.11b:8.5dBm; 802.11g: 7.8dBm; 802.11n20:7.8dBm;	20 dBm.

This product can be used across EU member states.

((CE

FCC WARNING
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
To maintain compliance with FCC's RF Exposure guidelines, this equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

FCC ID: 2AAU7-ZMZWUS
Certified in Canada, IC No: 11391A-ZMZWUS
IC Caution:
RSS-Gen Issue 4 December 2014"&"CNR-Gen 4e Décembre 2014:
- English: This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- French: Le présentappareilestconforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitationestautorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareildoit accepter tout brouillageradioélectriquesubi, mêmesi le brouillageest susceptible d'encompromettre le fonctionnement.

Zipamicro Model
zm.zwus - ZipaMicro, Z-Wave US
zm.zwru - ZipaMicro, Z-Wave RU
zm.zwis - ZipaMicro, Z-Wave IS
zm.zwin - ZipaMicro, Z-Wave IN
zm.zweu.g - ZipaMicro, Z-Wave/G EU
zm.zweu.b - ZipaMicro, Z-Wave/B EU
zm.zwau - ZipaMicro, Z-Wave AU

FOR HOME OR OFFICE USE

INFORMATION TO THE USER
Changes or modifications not expressly approved by Tri plus grupa d.o.o.. could void your authority to operate the equipment. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

■ Reorient or relocate the receiving antenna.
■ Increase the separation between equipment and the receiver.
■ Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
■ Consult the dealer or an experienced radio/TV technician for help.

SPECIFICATIONS

CPU
Quad-core ARM Cortex-A7
Memory (SDRAM)
256MB DDR3

Storage
Internal SD card (2G)
Network
10/100M wired Ethernet
Wi-Fi 802.11 b/g/n
Z-Wave 500 series
OS
Linux
Power
Power input: 5V
Power supply input: 100-240VAC, 50/60Hz
Power usage: < 1.2W (idle), 5W (max)
Backup battery (optional): Li-Ion 3.7 V 900 mAh
Ports
Power input (micro-USB)
USB 2.0 host (USB-A)
RJ-45 (Ethernet)
Environmental
Operating temperature -20° C to 40° C (-4 to 104°F)
Storage temperature -25 to 70°C (-13 to 158°F)
Humidity: 5-95%, non-condensing

ONE (1) YEAR LIMITED WARRANTY

Tri plus grupa d.o.o. warrants this product (the "Product") against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR from the date of purchase by the original purchaser ("Warranty Period"). If a defect arises and a valid claim is received within the Warranty Period, then as your sole remedy and Tri plus grupa' sole liability), Tri plus grupa will at its option either 1) repair the defect at no charge, using new or refurbished replacement parts, or 2) replace the Product with a new product that is functionally equivalent to the original, in each case within 30 days following receipt of the returned Product.

A replacement product or part, assumes the remaining warranty of the original Product. When a Product or part is exchanged, any replacement item becomes your property and the replaced Product or part becomes Tri plus grupa' property.

Obtaining Service: To obtain warranty service, visit support.zipato.com to speak with a service agent or open a service request. Please be prepared to describe the Product that needs service and the nature of the problem. A purchase receipt is required. The Product must be insured, and shipped freight prepaid and securely packaged. You must contact support for a Return Material Authorization Number ("RMA Number") before shipping any Product, and include the RMA Number, a copy of your purchase receipt and a description of the problem you are experiencing with the Product. Any claim under this Limited Warranty must be submitted to Tri plus grupa before the end of the Warranty Period.

Exclusions: This warranty does not apply to: a) damage caused by failure to follow instructions relating to the Product's use or the installation of components; b) damage caused by accident, abuse, misuse, transport, neglect, fire, floods, earthquake or other external causes; c) damage caused by service performed by anyone who is not an authorized representative of Tri plus grupa; d) accessories used in conjunction with a covered Product; e) a Product or part that has been modified

to alter functionality or capability; f) items intended to be periodically replaced by the purchaser during the normal life of the Product, including, without limitation, batteries, bulbs or cables; g) a Product that is used commercially or for a commercial purpose, in each case as determined by SmartThings.
EXCEPT FOR BODILY INJURY, TRI PLUS GRUPA SHALL NOT BE LIABLE FOR (I) ANY LOST PROFITS, COST OF PROCUREMENT OF SUBSTITUTE PRODUCTS, OR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR (II) ANY AMOUNTS IN EXCESS OF THE PURCHASE PRICE FOR THE PRODUCT, IN EACH CASE WHETHER RESULTING FROM THE USE OF OR INABILITY TO USE THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, EVEN IF COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSIONS MAY NOT APPLY TO YOU.
TO THE EXTENT PERMITTED BY APPLICABLE LAW, TRI PLUS GRUPA DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS. IF TRI PLUS GRUPA CANNOT LAWFULLY DISCLAIM STATUTORY OR IMPLIED WARRANTIES, THEN TO THE EXTENT PERMITTED BY LAW, ALL SUCH WARRANTIES SHALL BE LIMITED IN DURATION TO THE WARRANTY PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.
This warranty gives you specific legal rights and you may also have other rights, which vary from state to state. To exercise your rights under this warranty, gives you specific legal rights and you may also have other rights, which vary from state to state. To exercise your rights under this warranty, please follow the instructions above under the heading "Obtaining Service", or contact Zipato at Tri plus grupa do.o., Banjavciceva 11, 10000 Zagreb, Croatia.

Zipato is a registered trademark of Tri plus grupa d.o.o.
Manufacturer / Importer for Croatia:
Tri plus grupa d.o.o.
Banjavciceva 11
10000 Zagreb
Croatia

NOTICE

Although Zipato has attempted to ensure the accuracy of the content of this manual, it is possible that this document may contain technical inaccuracies, typographical, or other errors. Zipato assumes no liability for any error in this publication, and for damages, whether direct, indirect, incid or implied, including, but not limited to implied warranties of merchantability or fitness for a particular purpose. The published information in the manual is subject to change without notice. Zipato reserves the right to make changes in the product design, layout, and driver revisions without notification to its users. This version of the Installation guide supersedes all previous versions.