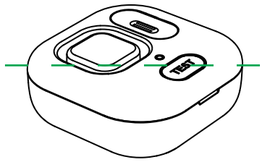
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TECKNET

Water Leak Detector



Model:TK-WA161

User Manual

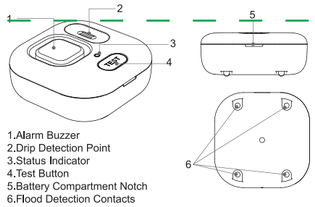
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Thank you for purchasing TECKNET water leak detector. Please read this User Manual thoroughly before use of the product and retain it for future reference. If you have any problem using this product, please contact us by email at support@ylinksworld.com.

Package Contents



Product Overview



1.Alarm Buzzer
2.Drip Detection Point
3.Status Indicator
4.Test Button
5.Battery Compartment Notch
6.Flood Detection Contacts

Specifications

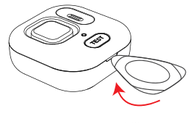
1.Power: 2 AAA batteries
2.Alarm Interval: 15 seconds

Battery Installation

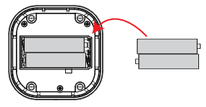
1.Locate the Notch
Insert the Battery Opening Tool into the Battery Compartment Notch.



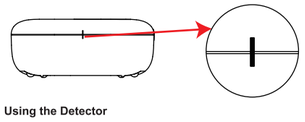
2.Rotate to Open
Turn the opening tool clockwise until the upper case releases.



3.Install Batteries
Insert two AAA batteries, matching +/- to compartment markings.



4.Realign & Close
Align the case matching marks on the upper and lower cases before snapping them together to ensure proper functioning of the product.



Using the Detector

1.Automatic Operation

The detector activates automatically after battery installation.

2.Test Function
Short press the TEST button once to trigger a 2-second alarm (system check).

3. Alarm Silence Function
During water detection alarms:
● Press the TEST button once to temporarily silence the alarm.
● The alarm will resume after 15 seconds if water contact continues.
● To permanently stop alarms, completely dry all moisture from the Drip Detection Point, Flood Detection Contacts, and surrounding area.

Operation and Alarm Behavior

A. How to Place the Detector

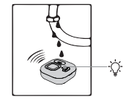
Place the detector in the desired location to monitor water leaks.

B. Alarm Triggering Mechanism

1. Water Detection:
● The Flood Detection Alarm triggers when two or more adjacent contacts at the bottom detect water immersion.
● The Drip Detection Alarm activates immediately when the Drip Detection Point senses water contact.



Flood Detection Alarm



Drip Detection Alarm

2. Alarm Trigger Logic (Bottom Contacts)

The two parallel Flood Detection Contacts trigger an alarm immediately upon water immersion, while the diagonal contacts remain non-alarming.

3. Alarm & Visual Alert

When triggered, the Alarm Buzzer sounds and the Status Indicator flashes. In "mute" mode, only the indicator flashes (no sound).

C. Alarm Behavior

1. Initial and Subsequent Alarms

When water leak is detected, the first alarm will sound for 15 seconds. If the detector remains in water after the first alarm ends, it will trigger a short alarm every 15 seconds. This cycle will continue until the detector is removed from water.

2. 24-Hour Automatic Stop

If the detector stays in water for 24 hours, the alarm will automatically stop after 24 hours.

Low Battery Warning

When battery power is low:
1.Initial alert (once):
● Audible: 3×"beep-beep-beep" tones
● Visual: Status Indicator flashes red 3 times
● Notification: Sends one-time low power alert to mobile app

2.Repeating reminder (every 20 seconds):
● Same 3×beep pattern
● Status Indicator flashes red 3 times

3.Operational status:
● Continues normal leak detection and alarm functions
● Replace batteries promptly to maintain protection

Smart App Connection & Setup

1. Download the Tuya Smart App

Scan the QR code or search "Tuya Smart" in App Store (iOS) or Google Play/App Market (Android).

2. Account Registration

Open the Tuya Smart app → Tap "Sign Up" → Follow the in-app instructions to register your account.

3. Device Connection (2 Methods)

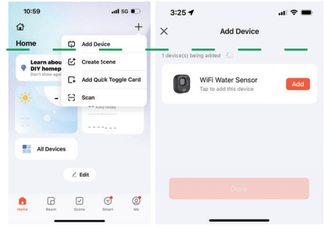
Method A: BT Quick Connection
(Recommended for most users)

1.Prepare Your Device:
● Turn on BT on your phone
● Ensure the detector is powered on (batteries installed)

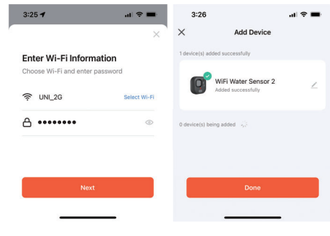
2.Activate Pairing Mode:

Press and hold the Test Button until:
● You hear 1 short beep.
● The Status Indicator flashes rapidly (red light).

3.App Setup:
● From the app home screen, tap 【 + 】→ Add Device.
● The app will automatically search for your "Water Leak Detector".
● Tap to add your detector.



● Select your home Wi-Fi network (2.4GHz supported only).
● Enter Wi-Fi password → Tap "Next".
● Wait for connection confirmation.



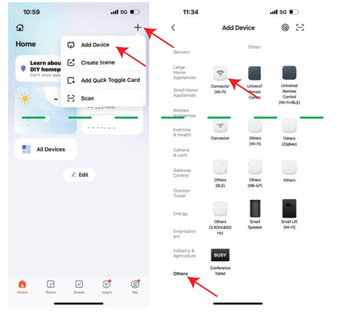
Method B: AP Mode Connection
(Use if BT connection fails)

Before You Start:
Ensure the detector is:
● Not in low battery mode
● Not in alarm state
● Within 3 meters of your router

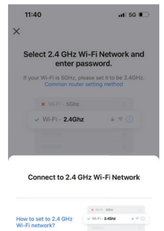
Setup Steps:

1.Initiate in App:

● Tap 【 + 】→ Add Device → Select "Others" → Choose "Connector (Wi-Fi)".

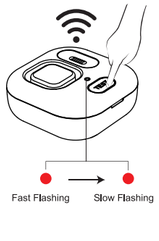


● Select a 2.4GHz Wi-Fi network and enter password.



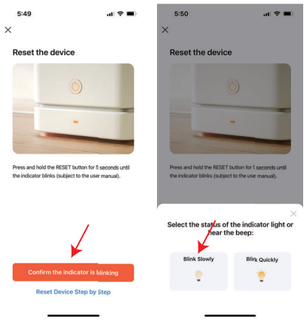
2.Activate AP Pairing Mode:

● First Press: Hold the Test Button until Status Indicator starts fast flashing → Release
● Second Press: Immediately hold the Test Button again until flashing changes to slow flashing → Release
(Detector is now in pairing mode)

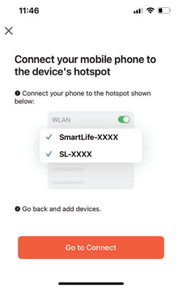


3.Complete Connection:

● In the app, select "Confirm the indicator is blinking" → Choose "Blink Slowly".



● Tap "Go to Connect" → Join hotspot "SmartLife-XXXX" (no password).
● Return to the app to finalize setup.



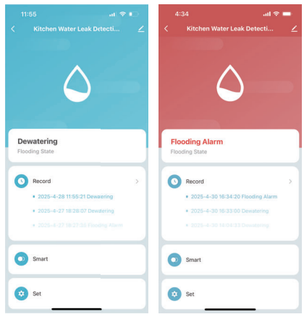
Key Notes:

● If connection failed, retry Setup Steps.

4. App Features & Settings

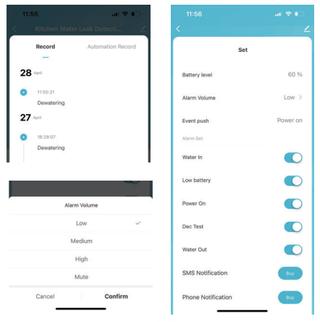
Real-Time Monitoring

● View current status: "Dewatering" / "Flooding Alarm"



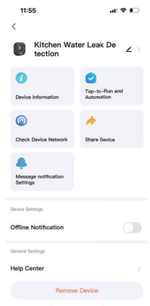
Alert Management

● History Log: Timestamped records of all alarms
● Configure alarm volume (takes effect after next trigger; if unsuccessful, retry and trigger alarm again to verify)
● Enable/disable push alerts
● Check Battery Level



Device Configuration

Access via 【 】Edit icon to customize :
● Device Renaming
● Offline Alerts (notifies if disconnected >30 minutes)
● Device Sharing (grant access to family members)
● Remove Device (when no longer needed)



Key Notes:

For Successful Setup:
● Use 2.4GHz Wi-Fi only (doesn't support 5GHz)
● Keep the detector within 3 meters of your router during setup
● Ensure Wi-Fi password is entered correctly

IMPORTANT SAFETY INSTRUCTIONS-CAREFULLY FOLLOW THESE INSTRUCTIONS.

1. RETAIN THESE INSTRUCTIONS - This sheet contains important safety and operating instructions.
2. Before using the product, read all instructions and caution markings on the product, accessories, and device.
3. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
4. Children should be supervised to ensure that they do not play with the appliance.
5. Keep the product away from the fire to avoid an explosion.
6. For proper insertion, please observe polarity indicators (+/-).
7. Remove the batteries if the product is not going to be used for a long period.
8. Do not place the product in or near an inflammable, explosive, or hazardous object.
9. Do not disassemble the product. Disassembly may result in a risk of safety hazards.
10. Do not throw or shake the product.

Limited 12-Month Warranty

Limited 12-Month Warranty
What this warranty covers.
Shenzhen Unichain Technology Co., LTD. (Manufacturer: "Unichain") warrants to the original purchaser of this TECKNET product that the product shall be free of defects in design, assembly, material, or workmanship.

What the period of coverage is.
Unichain warrants the TECKNET product for 12 Months.

What will we do to correct problems?
Unichain will repair or replace, at its option, any defective product free of charge (except for shipping charges for the product).

What is not covered by this warranty?
All above warranties are null and void if the TECKNET product is not provided to Unichain for inspection upon Unichain's request at the sole expense of the purchaser, or if Unichain determines that the TECKNET product has been improperly installed, altered in any way, or tampered with. The TECKNET Product Warranty does not protect against acts of God such as flood, earthquake, lightning, war, vandalism, theft, normal-use wear and tear, erosion, depletion, obsolescence, abuse, damage due to low voltage disturbances (e.g. brownouts or sags), non-authorized program, or system equipment modification or alteration.

How to claim the warranty
Please contact retailers or visit TECKNET website or email support@ylinksworld.com for more information. To extend the warranty period, please visit TECKNET website and register your TECKNET products within 90 days of purchase.

Disclaimer
Every effort has been made to ensure that the information and procedures in this guide are accurate and complete, no liability can be accepted for any errors or omissions and we reserve the right to make any changes without further notice to any products mentioned herein.

Correct Disposal of This Product

(Waste Electrical& Electronic Equipment)
This Marking shown on the product or its literature, indicate that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.Household user should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contact. This product should not be mixed with other commercial wastes for disposal.

SIMPLIFIED EU DECLARATION OF CONFORMITY
Hereby, Shenzhen Unichain Technology Co., Ltd, declares that the product type TK-WA161 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://teckneteu.com/

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement
To maintain compliance with FCC'S RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm between the radiator and your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

IC Caution:

"This device complies with Industry Canada's license-exempt RSSs. 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."

« Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme sile brouillage est susceptible d'en compromettre le fonctionnement. »

The product should be kept at least 20CM away when used.
Le produit doit être conservé au moins 20CM une fois utilisé.

尺寸：65 X 150 MM
材质：80g书纸 双面印刷 彩色印刷 十字折（先竖折再横折）