

Smart Lock Cylinder

Fingerprint · Code · RFID · Tuya Smart app · Wi-Fi gateway included

Powered by
tuya

English



User manual

Ref. SLTLW001-GW

Rev. 1.0 – 10/2026



www.wizelek.com/help/SLTLW001-GW.html

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1 Safety and important information

- **Keep an override key accessible from outside** the room (with a trusted person, in a key box...). Never leave both keys inside: the override key is your only way in if the batteries are flat or the electronics fail.
- Replace the batteries **as soon as the low-battery alarm sounds**. After the alarm the lock still opens about 200 times, then each opening is delayed by 2 seconds.
- Use only **CR123A 3 V lithium** batteries, both of the same brand and age. Do not use rechargeable 3.7 V cells.
- Before relying on the lock, **test every unlocking method** with the door open: code, fingerprint, badge, app and key.
- Change the **default passcode 123456** immediately after installation.
- The outside part is rated **IP55**: splash-proof, but install under cover and never clean it with a pressure washer or solvents.
- Do not disassemble the electronics. Do not expose the cylinder to temperatures outside $-10\text{ }^{\circ}\text{C} \dots +55\text{ }^{\circ}\text{C}$.
- This product is not a substitute for the mechanical security of your door and lock case; it replaces the cylinder only.

This manual applies to the WizElek smart lock cylinder, manufacturer reference SLTLW001-GW (Amazon reference KQ-U0F5-D4M4). The latest version, the quick start and the installation videos are available at www.wizelek.com/help/SLTLW001-GW.html.

2 In the box

Item	Qty	Item	Qty
Smart lock cylinder (keypad body, Euro cylinder, inside knob)	1	Fixing screw M5 × 70 mm	1
Wi-Fi / Bluetooth gateway	1	Fixing screw M5 × 50 mm	1
USB-C cable for the gateway (no mains adapter)	1	Spare screw M2.5 × 5 mm	1
RFID badges 13.56 MHz	4	Hex key (knob set screw)	1
Mechanical override keys	2	Quick start guide	1

Not included: 2 × CR123A 3 V lithium batteries, 5 V USB power adapter for the gateway.

Tools needed: Phillips screwdriver, the hex key supplied, a ruler or caliper, a thin rod (paper clip) for the reset button.

3 Product overview



The kit: cylinder, gateway, 2 override keys, 4 RFID badges

Part	Function
Keypad body (outside)	Backlit 12-key keypad on top, fingerprint sensor and RFID reader area on the end face, indicator light, battery compartment under the end cover, reset button and override key hole.
Euro profile cylinder	Adjustable length, fixed to the keypad body by two screws; cam driving the lock case.
Inside knob	Turns freely at any time to lock and unlock from inside, even with flat batteries.
Wi-Fi / Bluetooth gateway	Connects the cylinder to the internet for remote control; USB-C powered.

Five ways to unlock



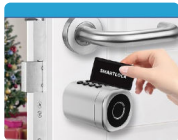
1 · Code



2 · Fingerprint



3 · App



4 · RFID badge



5 · Override key

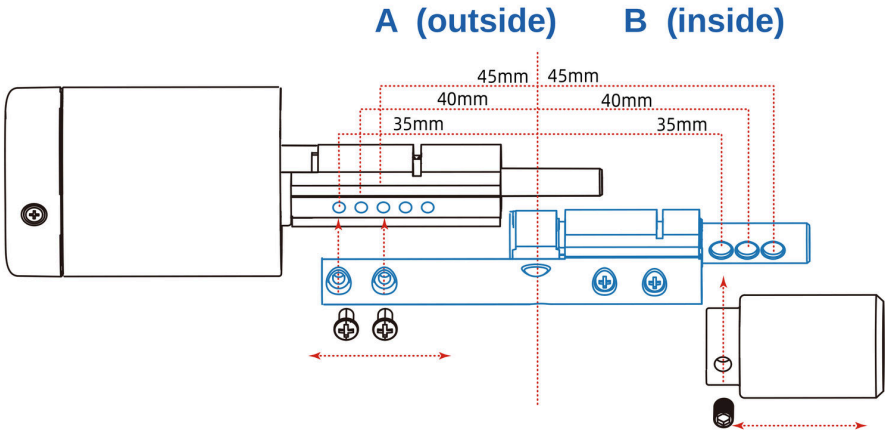
Indicator light and sounds

Signal	Meaning
Green light, short beep	Identification accepted: turn the keypad body within 5 seconds to open.
Red light, three beeps	Identification refused (wrong code, unknown finger or badge).
Keypad lit, no reaction to codes	Keypad locked for 90 s after 5 wrong codes in a row.
Repeated beeps at each opening	Low battery (below 4.6 V): replace both batteries now.
Long beep after pressing Reset 5 s	Factory reset done; the cylinder must be paired again.

4 Check compatibility before installing

The smart cylinder replaces a **removable Euro profile cylinder** (EN 1303, 17 mm wide, cam at the centre) held by a single fixing screw through the edge of the door. It fits mortise locks on wooden, aluminium or PVC doors.

1. Open the door. Unscrew the fixing screw on the edge of the door (in line with the cylinder) and pull the old cylinder out while turning the key slightly to align the cam.
2. Measure the old cylinder from the **centre of the fixing-screw hole** to each end: **A** = outside (the side that will receive the keypad), **B** = inside (knob side).



Adjustment of A (outside, two screws under the body) and B (inside, knob set screw)

Each side of the smart cylinder is set **independently** to **35, 40 or 45 mm**. Any combination is possible:

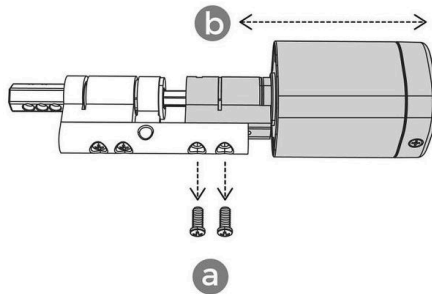
A outside	B inside	Total	A outside	B inside	Total	A outside	B inside	Total
35	35	70	40	35	75	45	35	80
35	40	75	40	40	80	45	40	85
35	45	80	40	45	85	45	45	90

If A or B of your old cylinder is below 35 mm or above 45 mm, or if the keypad body (39 mm diameter, 57 mm long) would hit the handle or the frame, the smart cylinder cannot be installed on this door. A cylinder that protrudes more than 3 mm outside the escutcheon weakens security.

5 Installation

1 Set the outside length A

Turn the keypad body upside down. The Euro cylinder is fixed to the body by **two screws** from below, in two of the five holes of the extension rail. Loosen the two screws, slide the cylinder to the pair of holes that gives $A = 35$ mm (holes 1-3), 40 mm (2-4) or 45 mm (3-5), then tighten the two screws firmly.

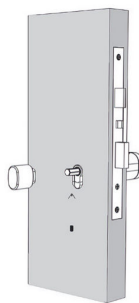
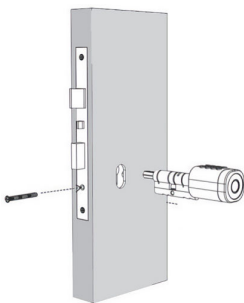


2 Set the inside length B

The inside shaft has three holes. Slide the knob onto the shaft until its set-screw hole faces the hole giving $B = 35$, 40 or 45 mm, then lock it with the **set screw** using the hex key. The knob is fitted at the end, after the cylinder is in the door (step 4): note the hole now.

3 Insert the cylinder

From the outside, insert the cylinder into the lock case. Turn the keypad body slightly so that the **cam** is aligned and passes through. Push until the keypad body is flush with the outside escutcheon.



3 – Insert, align the cam, fit the edge screw 4 – Fit the knob and its set screw

4 Fix the cylinder and fit the knob

Insert the fixing screw (M5 × 70 mm, or × 50 mm for thin doors) through the hole on the door edge and tighten it moderately — do not force, or the cylinder will bind. From the inside, slide the knob onto the shaft to the hole chosen in step 2 and tighten the set screw.

5 Check the mechanics

With the door open, turn the inside knob: the bolt must move freely in both directions. Insert an override key in the front keyhole (under the end cover, see § 8.6) and check that it also operates the bolt. If anything binds, loosen the fixing screw a quarter turn.

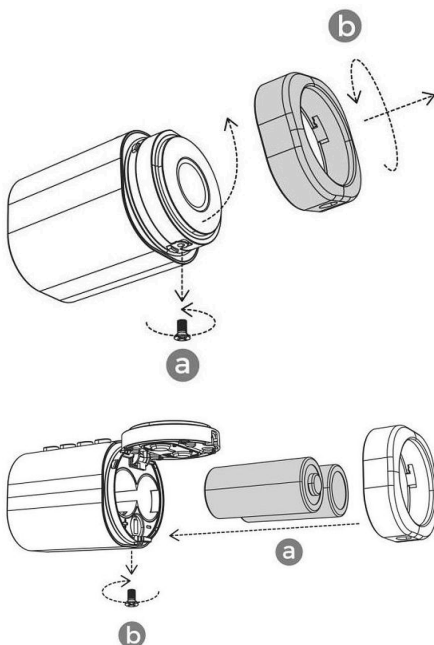
Installation videos: www.wizelek.com/help/SLTLW001-GW.html.

6 Batteries and first start

1 **Open the battery cover.** Loosen the small screw under the end of the keypad body, then turn the end cover **counter-clockwise** and pull it off.

2 **Insert two CR123A 3 V lithium batteries** (not included), respecting the polarity marked in the compartment. The cylinder beeps and the keypad lights up.

3 **Close the cover.** Refit the end cover, turn it clockwise until it stops and tighten the small screw. The cover also protects the override keyhole and the reset button.



First test

Press any key to wake the keypad, enter **123456** then **#**: the light turns green. Within 5 seconds, turn the keypad body to operate the bolt. The default passcode works until the cylinder is paired with the app; it is then replaced by the codes you create.

Battery life and low battery

About one year or 6 000 openings in normal use. When the voltage drops below 4.6 V the cylinder beeps repeatedly at each opening and the app shows a low-battery warning: replace **both** batteries without delay. Codes, fingerprints and badges are kept in memory during the change. If the batteries are completely flat, open with the override key.

7 Tuya Smart app: installation and pairing

7.1 Install the app and create an account

Download **Tuya Smart** from the App Store or Google Play (the **Smart Life** app also works). Open it, tap **Sign Up**, accept the privacy policy, enter your email address or phone number, then the verification code received, and set a password. The country/region is set once at registration.

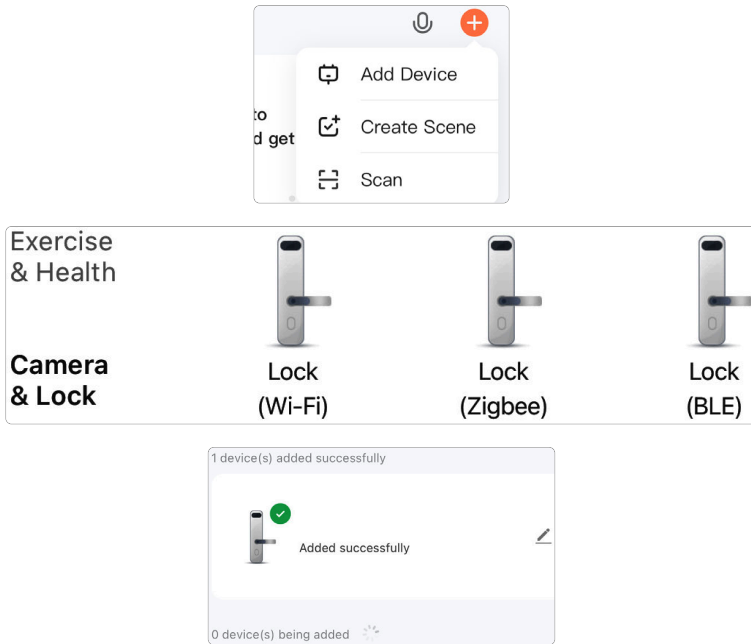
If you already have an account, tap **Log in with existing account**.



Tuya Smart – Android / iOS

7.2 Pair the cylinder (Bluetooth)

1. Batteries installed; **Bluetooth enabled** on the phone; stand within 2 m of the cylinder; phone connected to your **2.4 GHz** Wi-Fi if you will also add the gateway.
2. Wake the cylinder by pressing any key. A cylinder that has never been paired enters pairing mode automatically.
3. In Tuya Smart, tap “+” (top right) > **Add Device**. The app scans nearby devices and lists the cylinder: tap **Add**.
4. If it is not found, tap **Camera & Lock** in the left column, then **Lock (BLE)**, and follow the on-screen steps.
5. When “Added successfully” appears, tap the pencil to rename the lock (e.g. “Front door”), then **Done**.



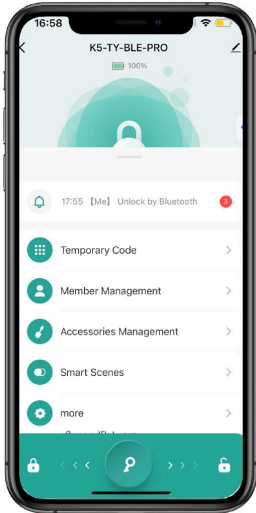
The person who pairs the cylinder becomes its **administrator**. Only the administrator can add members, codes, fingerprints and badges, or reset the lock. If the cylinder is already paired to another account, it must first be removed from that account or factory-reset (§ 11).

7.3 Pair with the gateway

If you install the gateway (§ 10), add the gateway first, then open its page and tap **Add Existing** > select the cylinder. The cylinder is then reachable remotely without any further step.

8 Using the lock

8.1 Home screen



- **Device information** (pencil, top right) and **battery level**.
- **Unlock log**: who opened, when and how.
- **Temporary Code**: codes for visitors (§ 9.4).
- **Member Management**: users and their fingerprints, codes and badges (§ 9).
- **Accessories Management**: gateway and linked devices.
- **Smart Scenes**: automations with other Tuya devices.
- **more**: Settings (§ 8.5).
- **Unlock button** (key icon): opens via Bluetooth when you are near, or remotely via the gateway.

8.2 Unlocking from outside

Every identification is followed by the same gesture: when the light turns **green**, turn the **keypad body** (like a key) within 5 seconds to retract the bolt. Turn it back to lock.

Method	How
Code	Press any key to wake the keypad, enter your 6-to-10-digit code, press #. Anti-peeping: you may type random digits before and after your code (up to 20 digits in total) as long as the code appears in the sequence.
Fingerprint	Place the registered finger flat on the sensor (end face) and hold it still until the green light.
RFID badge	Hold the badge against the end face (reader area around the fingerprint sensor) for one second.
App, nearby	Open the lock page in Tuya Smart, tap the Unlock button; the phone connects via Bluetooth.
App, remote	Same button, from anywhere, via the gateway. Can be disabled in Settings › Remote Unlock.
Override key	Remove the end cover (small screw), insert the key in the keyhole, turn it to operate the bolt (§ 8.6).

8.3 Unlocking from inside

Turn the inside knob. It is always free and needs no battery.

8.4 Locking

Turn the keypad body (outside) or the knob (inside) back to extend the bolt, as with a normal key. **Auto Lock** (§ 8.5) re-locks the electronics automatically after the chosen delay so that the next opening requires identification again. With Auto Lock off, the cylinder stays in **passage mode**: anyone can turn the keypad body until you lock it from the app or by an identification.

8.5 Settings (more › Settings)

Setting	Effect
Remote Unlock	Allows or forbids opening from the app via the gateway.
Auto Lock	On: the lock re-engages after the delay. Off: passage mode.
Auto Lock Delay	5 s to several minutes.
Lock Volume	Keypad and confirmation sounds: high, low, mute.
Lock Language	Language of the voice prompts.

8.6 Mechanical override key

The keyhole is under the end cover of the keypad body. Loosen the small screw, remove the cover, insert the key and turn it to operate the bolt. The key works at all times, batteries or not. Keep one key **outside** the home; the second may be kept by a relative or a neighbour.



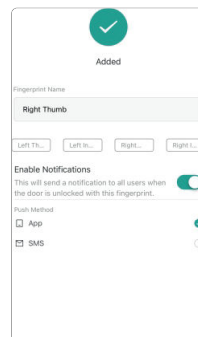
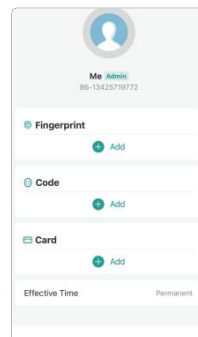
9 Members, codes, fingerprints and badges

9.1 Two kinds of members

Family members are the users of your Tuya “home” (Me > Home Management): they appear automatically in the lock and keep their rights until you remove them. **Other members** exist only in the lock; you can give them a validity period (permanent, or from a start date/time to an end date/time) and share the lock with their Tuya account if they wish to use the app. When the end time is reached, the member loses all access automatically.

9.2 Add a member and an unlocking method

1. Stay within Bluetooth range (or use the gateway). Open the lock page > **Member Management**.
2. Tap “+” to create a member (name, optional Tuya account), or select an existing one.
3. **Fingerprint > Add**: the member places the same finger on the sensor **5 times**, lifting it between touches, until the app confirms. Register two fingers per person.
4. **Code > Add**: type a code of **6 to 10 digits** or tap Random; name it; optional notification when it is used.
5. **Card > Add**: hold the RFID badge against the end face when the app asks.
6. Set the **Effective Time** (permanent or limited) and save.



Capacity: **50 fingerprints, 50 codes, 50 badges** in total. To delete a method, open it and tap Delete; to remove a member, open the member and tap Remove Member.

9.3 Administrator

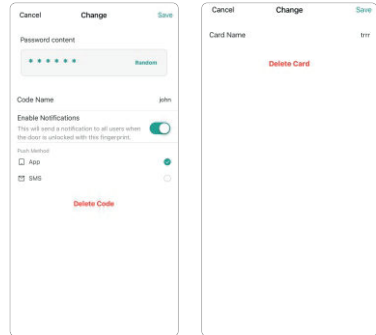
The administrator is the account that paired the lock. To hand the lock over (sale, end of tenancy), either remove the device from your app (Device information > Remove Device, which erases the lock), or factory-reset it (§ 11).

9.4 Temporary codes (Temporary Code)

For visitors, cleaners or deliveries, without adding a member:

- **One-Time**: valid for a single use within 6 hours of creation.
- **Time-Limited**: valid between a start and an end date/time. Generated by algorithm: it must be **used once within 24 hours** of creation to be activated in the lock.
- **Dynamic**: changes periodically; read it in the app and give it over the phone.
- **Custom**: your own digits, with optional weekly schedule (days and time slots).
- **Clearing**: a code that, once typed on the keypad, cancels all time-limited codes (or a single one).

Codes created while connected via Bluetooth or the gateway are written into the lock immediately; algorithm codes work even if the lock is offline.



9.5 Unlock log

The log lists every opening (user, method, time) and the alarms. It is updated in real time through the gateway, otherwise the next time your phone connects via Bluetooth. Filter by user, period or event type.

10 Wi-Fi / Bluetooth gateway

The gateway links the cylinder to your Wi-Fi so that you can unlock, create codes and check the log **from anywhere**, and receive notifications. Without it, the app works only within Bluetooth range (about 10 m).

1. Place the gateway within **5 m** of the cylinder, ideally in line of sight, and power it with the **USB-C cable supplied** from any USB socket or 5 V USB adapter (not included). The light blinks.
2. Connect your phone to your **2.4 GHz** Wi-Fi network — the gateway does not support 5 GHz.
3. In Tuya Smart, tap “+” > **Add Device**. The gateway is detected: tap **Add**, enter the Wi-Fi password and wait for “Added successfully”.
4. Open the gateway page > **Add Existing** (or Add Device) and select the cylinder. The cylinder page now shows the gateway icon.



Gateway, USB-C powered

Reset the gateway: hold its button for 3 s until the light blinks quickly, then add it again. **Several locks** can share one gateway.

Voice assistants

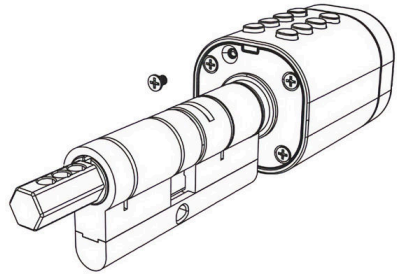
With the gateway, the cylinder appears in **Amazon Alexa** and **Google Home** through the Tuya Smart / Smart Life skill: link your Tuya account in the assistant app. For safety, voice assistants can **lock** and give the status; unlocking by voice requires a spoken PIN set in the assistant app and can be disabled.

11 Reset and change of owner

A factory reset erases all members, codes, fingerprints, badges and the pairing. Do it only if pairing fails, if you have lost the administrator account, or before handing the lock over.

1. Remove the end cover (small screw).
2. Locate the **Reset** hole next to the batteries, protected by a screw. Remove the screw.
3. With a thin rod, press the button **gently** for **5 seconds** until a long beep. Do not force: the internal push button is small.
4. Refit the screw and the cover. Pair the cylinder again (§ 7.2).

In the app, also remove the old device (Device information › Remove Device) so that it does not stay listed.



12 Maintenance and troubleshooting

Wipe the keypad body with a soft, slightly damp cloth. Clean the fingerprint sensor with a dry cloth. Do not oil the electronics; a drop of graphite lubricant in the keyhole once a year is enough.

Problem	Check / solution
No light, no sound	Batteries flat or inserted the wrong way. Replace both CR123A, check polarity. Open with the override key meanwhile.
Green light but the body does not turn	You have more than 5 s: identify again and turn immediately. Check that the fixing screw is not over-tightened and that A/B are set correctly (cylinder binding).
Code refused (red light)	Check the code and press # at the end. After 5 wrong codes the keypad is locked for 90 s. The default code 123456 no longer works once the lock is paired.
Fingerprint not recognised	Dry and clean the finger and the sensor; register the finger again and add a second finger. Very dry, worn or wet fingers are harder to read.
Badge not read	Hold it flat against the end face for 1 s. Only badges added in the app work (13.56 MHz).
Cylinder not found during pairing	Bluetooth on, within 2 m, cylinder awake (press a key). If it was paired before, reset it (§ 11). Close and reopen the app.
Gateway not found / stays offline	2.4 GHz network only, correct Wi-Fi password, gateway within range of the router and within 5 m of the cylinder. Reset the gateway (3 s) and add it again.
Remote unlock impossible	Settings > Remote Unlock must be on; gateway online; cylinder added to the gateway (§ 10).
Passage mode: lock does not re-engage	Auto Lock is off. Turn it on in Settings, or perform one identification to validate the mode change.
Beeps at every opening	Low battery: replace both batteries now.
Batteries last only a few weeks	Poor-quality batteries, or the cylinder binds and the motor strains: loosen the fixing screw slightly, check A/B.

13 Specifications

Reference	SLTLW001-GW (Amazon: KQ-U0F5-D4M4)
Type	Euro profile smart cylinder (EN 1303 format), outside keypad body + inside knob
Length	Outside A 35 / 40 / 45 mm, inside B 35 / 40 / 45 mm, independent – total 70 to 90 mm
Keypad body	Ø 39 mm × 57 mm, zamak with stainless-steel finish
Unlocking methods	Fingerprint (50), code 6–10 digits (50), RFID badge 13.56 MHz (50), Tuya Smart app, 2 mechanical override keys
Power	2 × CR123A 3 V lithium (not included), approx. 1 year / 6 000 openings; low-battery alarm below 4.6 V
Connectivity	Bluetooth Low Energy (range ≤ 10 m); internet via the supplied Tuya Wi-Fi 2.4 GHz / Bluetooth gateway
App	Tuya Smart or Smart Life (iOS and Android); Amazon Alexa and Google Home via Tuya
Protection	Outside part IP55; free-rotating outside body against forced opening; electromagnetic shielding; operating temperature –10 °C to +55 °C; humidity 10–95 %
Weight	540 g with batteries
Gateway	Wi-Fi 2.4 GHz + Bluetooth, USB-C 5 V, up to several locks

14 Warranty, disposal and compliance

Warranty. This product is covered by the legal guarantee of conformity (2 years in the EU) from the date of purchase, under normal use. The guarantee does not cover batteries, wear, incorrect installation, exposure to water or chemicals, or opening of the electronics. Return transport costs are borne by the customer. Keep your proof of purchase.

Manufacturer: BGA SAS – 36 boulevard du Montparnasse – 75015 Paris – France.
Documentation: www.wizelek.com.

Disposal. ☒ Do not dispose of this product or its batteries with household waste. Electrical and electronic equipment and batteries must be taken to a collection point for recycling (WEEE Directive 2012/19/EU, Battery Regulation (EU) 2023/1542). Remove the batteries before disposal.

Radio. Cylinder: Bluetooth Low Energy 2.4 GHz. Gateway: Wi-Fi 2.4 GHz and Bluetooth. CE marking: the EU declaration of conformity is available from the manufacturer on request.

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