

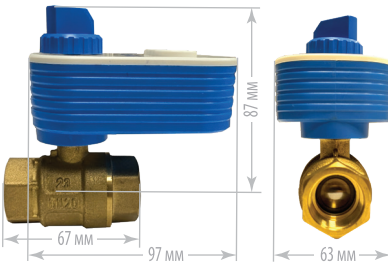
USER MANUAL



Thank you for choosing the ADAPTOR™ products. We are confident that this product will become an indispensable assistant and will protect your home from unwanted consequences due to possible emergency water leakage.

Please note. The valve operates on the ZigBee protocol, so a ZigBee gateway is required for operation.

Dimensions



Package

Smart Water Valve	1 p
Power adapter	1 p
User manual	1 p

Технічні характеристики

Model: BSP20ZB/NPT20ZB
Material of manufacture: Brass & Engineering Plastics
Thread standard: DN20 BSP/NPT
Maximum diff. pressure: 10 Mpa
Actuator power supply: DCSV 2A
Wireless Connectivity - ZigBee 3.0 (IEEE 802.15.4)
Operating temperature range: -30°C to +60°C
Protection class: IP55
Warranty: 5-year

- **OFFLINE mode**
Continues to function even without internet connection. All scenarios and settings are also stored in the Zigbee coordinator.
- **Remote control via app**
You can remotely control the valve via the "Smart Life" or "TUYA Smart" app from anywhere.
- **Push Notifications**
Notifications about the occurrence of selected events and activation of scenarios. Optionally, you can set up receiving SMS messages and/or informing by voice call.
- **Touch buttons on the valve body**
Tap the "Open" or "Close" button to open or close the valve
- **Emergency opening/closing with manual switch**
If there is no power, you can use the rotary switch to switch the mode or close/open the valve.

- **Ability to work on a schedule**
- **Voice control**
- **Countdown**
Set the delay of closing or opening the valve. Ideal for irrigation or filling a tank of a certain capacity.
- **Power Failure Status Setting (NO/NC)**
You can adjust the status of the valve if the power fails.
- **Enhanced Z3SL chip with +20 dBm output power**
The range is up to 50 meters indoors and up to 200 meters outdoors. Signal strength can be affected by walls, metal objects, and other wireless devices.

Installing the app

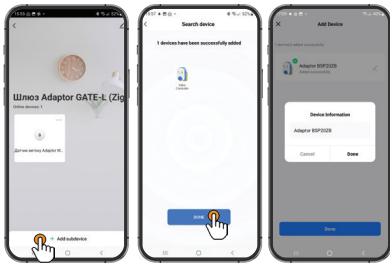
Scan the QR code or find the SMART LIFE app in the App Store/Google app to install. Once installed, create an account using your phone number or email.



Adding a valve via the app

First, add a ZigBee gateway that supports Tuya technology to the app. If it is already added, make sure that the gateway is online and accessible through a smartphone. Then apply power to the valve. When the blue LED on the valve starts flashing, it is ready for pairing.

In the gateway menu in the application at the bottom of the screen, click "Add device". Once the device appears on the screen, click Done and name it.



The process may take several minutes. In case of a pairing error or the device not being detected - press and hold the "Open" button on the valve for 5 seconds to reconnect.

Touch button control

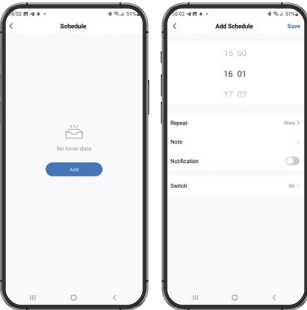


Emergency Manual Control

Work according to the schedule

Creating a schedule for opening and closing the valve by time, days of the week.

- The programming cycle is a week.
- Number of intervals open/closed - unlimited
- The settings are stored in the cloud and gateway, so they work even when there is no Internet connection



Power Failure Protection

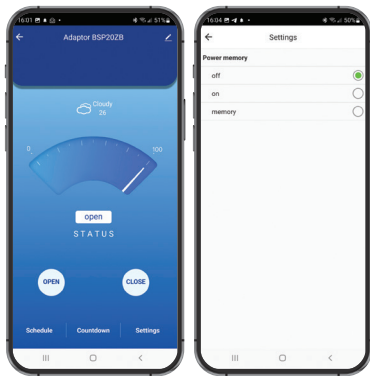
In the device settings, you can select the position of the valve in the event of a power failure:

1. Open
2. Closed
3. Last state at the time of power outage

By default, the valve is set to CLOSE in the event of a power outage.

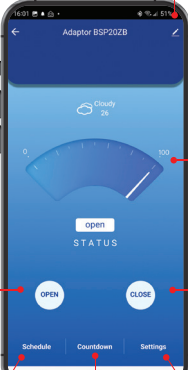
Leak protection

To build a leak protection system, you will need one or more Adaptor WLS smart leak sensors or any other TUYA compatible leak sensors. After adding sensors to the application and creating a rule accordingly, the valve will close automatically if the leak sensors detect a water leak at their installation locations.



In-app settings

Change Valve Name



State of the valve
Displays the current status of the equipment

Opening
Upon button press, the valve will OPEN completely

Closing
Upon button press, the valve will CLOSE completely

Timetable Countdown Settings

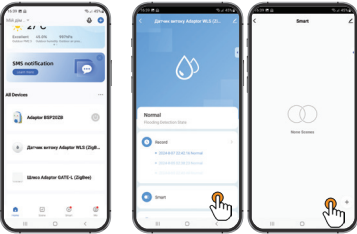
Set up smart scene rules

Creating rules can be done through the "Scene" menu. To configure leakage protection, it is more convenient to create a rule through the leak sensor menu directly:

Step 1

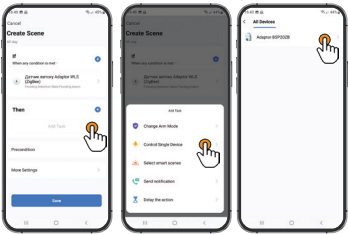
Step 2

Make sure the valve and the required number of sensors are added to the system: Go to the leak sensor menu and click on the "Smart" section, then "+" to create a scenario:



Step 3

After that, select the action to be taken in the event of a water leak detected by one of the sensors. To do this, click "Then". Select "Control device". Then, from the list of devices, select the valve whose status needs to be changed.



Voice control



* Tips: You can name the device yourself

Read the instructions



WARRANTY TERMS: Before starting operation, carefully study the instructions with the rules and conditions of use of the Product. The warranty period is 5 years from the date of sale of the Product. In the case of detection of existing external and internal damage related to non-compliance with the rules and requirements of operation - the warranty is NOT SUPPORTED. Regarding warranty service issues, contact the manufacturer's website or the seller of this product for contacts.

Manufacturer: REUTOV LLC
1309 Coffeen Avenue STE 12116 Wyoming, US 82801
www.reutovllc.com

Interaction with related products

