eufy
SECURITY

eufy
SECURITY

USER MANUAL

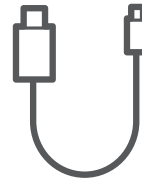**eufy Security Smart Buoy**

TABLE OF CONTENTS

WHAT'S IN THE BOX
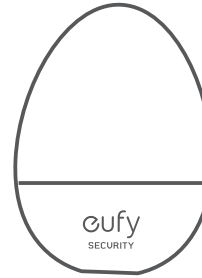
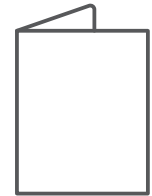

Smart Buoy
Model: T8791
FCC ID: 2AOKB-T8791

Sensor

Charging Cable

Rope

Quick Start Guide

HOW THE SYSTEM WORKS

The eufy Security Smart Buoy is a smart water monitor that floats in your pool. It continuously tests your water conditions then calculates and guides you when the water needs to be balanced. Know when   your pool is ready to dive into or when it requires some attention. The Smart Buoy is designed for chlorine pools and tests key indicators including Free Chlorine, pH, TDS, and Temperature.

Check on the status of your pool water by simply connecting to Smart Buoy via Bluetooth connection. When your pool water is imbalanced, Smart Buoy will provide you with guidance for what actions need to be taken. Giving you instructions as to what chemicals are needed and dosage guidance.
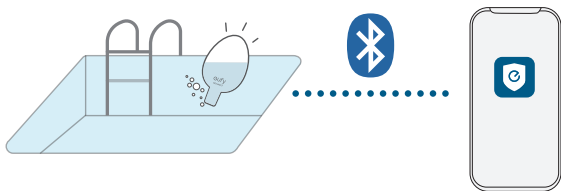
Key Testing Indicators:

	FC (Free Chlorine, mg/L)	pH (Acidity and Alkalinity)	TDS (Total Dissolved Solids, ppm)	T (Temperature, °F)
Range	0 - 7mg/L	4 - 10	0 - 2000ppm	59 - 86°F
Precision	10%	±0.3	5%	1

SETTING UP THE SYSTEM

Install the eufy Security App

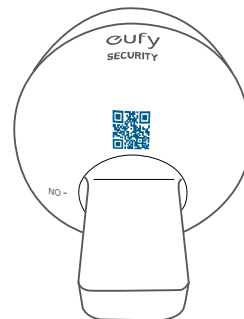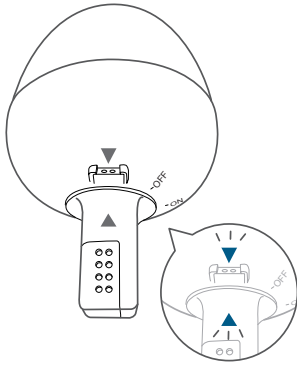Search "**eufy Security**" on the App Store or Google Play and install the app on your smartphone.

Register and sign into the app.

Install the Sensor

Align the triangles on the Sensor and Smart Buoy.

Insert the Sensor into the Smart Buoy and **turn it clockwise** until the triangle points to the **ON** position.
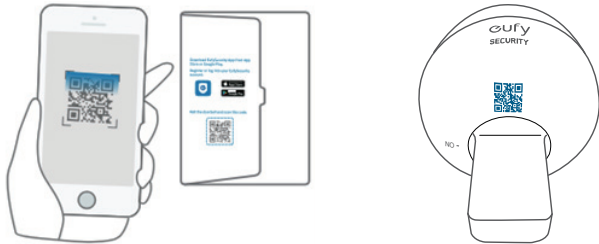
You will notice the Smart Buoy light starts to flash.

Add Smart Buoy to the App

Open the eufy Security app and scan the QR code to add the Smart Buoy device. The QR code can be found on the back of the documentation folder or on the bottom of the Smart Buoy device.
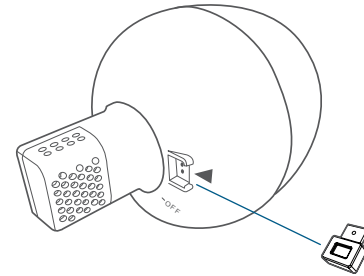

Follow the in-app instructions to finish the installation.
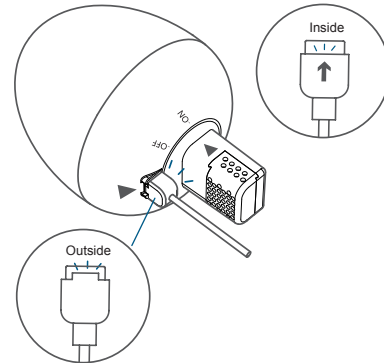
CHARGING THE SMART BUOY

Use the provided charging cable to charge the Smart Buoy.

1. Remove the waterproof cap on Smart Buoy.

   Note: Make sure you keep the cap safe as you will need it to seal the charging port before putting the Smart Buoy into your pool.

The arrow on the charging cable should face inwards.

2. Connect the other end of the charging cable to a standard USB port of your spare universal USB charger. The Smart Buoy will flash red, indicating it's charging.

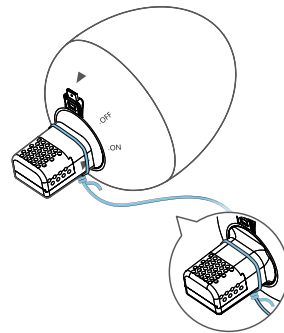3. Once the Smart Buoy flashes green, it's fully charged.

Note:

• Make sure you seal the charging port with the waterproof cap before putting the Smart Buoy into your pool.

• Dry the device properly before the next charge.

TETHERING OR MOUNTING THE SMART BUOY (OPTIONAL)

The ideal monitoring spot in your pool is approximately 1.5m away from the water outlet. After locating this spot you can either mount the Smart Buoy using a mounting kit (sold separately) or use the provided rope to tether the device to your pool ladder.

To tether the Smart Buoy, use the provided rubber band to tie the rope to the sensor. Then tie the other end of the rope to your pool ladder.

To mount the Smart Buoy you must first purchase the mounting kit. Identify the ideal monitoring location and install the mount. Place the Smart Buoy on the mount.
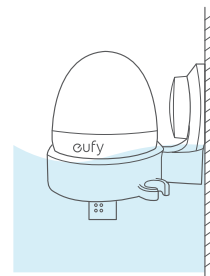
HOW TO MONITOR WATER QUALITY

1. Make sure you seal the charging port with the waterproof cap before putting the Smart Buoy into your pool.
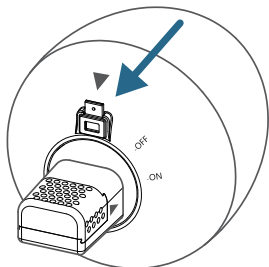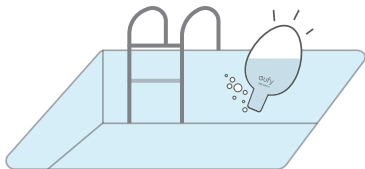

2. Immerse the Smart Buoy Sensor completely into the water. Shake it slightly to force the bubbles out of the sensor. Trapped bubbles will affect the accuracy of water testing.

3. To refresh the test results, please make sure your phone's Bluetooth is enabled. Open the app and it will discover and connect to the Smart Buoy automatically when your phone is within its Bluetooth range. The Bluetooth range is approximately 45ft with an exterior wall in between. When turning the device back on, connect via the bluetooth and press the "Start" button.

Approximately 45ft
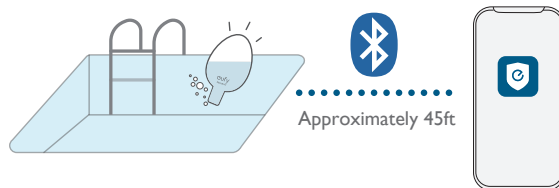
4. The first reading after turning on the device will need some time to calibrate and calculate. The initial Free Chlorine, pH, TDS, and temperature readings will appear after 3 minutes. The overall readings will be available after a few hours when more data is collected.

The Smart Buoy categorizes the overall conditions of your pool water via the indicators below:

	FC (Free Chlorine, mg/L)	pH (Acidity and Alkalinity)	TDS (Total Dissolved Solids, ppm)	T (Temperature, °F)
Perfect	$1 \leq RC \leq 3$	$7.2 \leq pH \leq 7.8$	$0 \leq TDS \leq 2000ppm$	$73 \leq T \leq 82°F$
Acceptable	$0.5 \leq RC < 1$ $3 < RC \leq 4$	$7.0 \leq pH < 7.2$ $7.8 < pH \leq 8.0$	$2000 < TDS \leq 2500ppm$	$68 \leq T < 73°F$ $82 < T \leq 88°F$
Unsuitable	$RC < 0.5$ $RC > 4$	$pH < 7.0$ $pH > 8.0$	$TDS > 2500ppm$	$T < 68°F$ $T > 88°F$

NOTICE

FCC Statement

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.

Warning: 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: (1) Reorient or relocate the receiving antenna. (2) Increase the separation between the equipment and receiver. (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. (4) Consult the dealer or an experienced radio / TV technician for help.

FCC Radio Frequency Exposure Statement

The device has been evaluated to meet general RF exposure requirements. The device can be used in fixed/mobile exposure condition. The min separation distance is 20cm.
Notice: Shielded cables
All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

The following importer is the responsible party.
Company Name: POWER MOBILE LIFE, LLC
Address: 400 108th Ave NE Ste 400, Bellevue, WA 98004-5541
Telephone: 1-800-988-7973

CUSTOMER SERVICE

Anker Innovations Limited
Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong

- **Warranty**

  12-month limited warranty

- **Call Us**

  United States +1 (800) 988 7973 Mon-Fri 9AM-5PM (PT)

  United Kingdom +44 (0) 1604 936 200 Mon-Fri 6AM-11AM (GMT)

  Germany +49 (0) 69 9579 7960 Mon-Fri 6:00-11:00

- **Email Us**

  Customer Support: support@eufylife.com

  f @EufyOfficial

  ✗ @EufyOfficial

  ◎ eufyofficial