bluebot™

Clamp-On Smart Water Meter + App

One size fits all data capture device

Compatible with 3/4" - 2" PEX, PE, Copper L & M, PVC SCH 40 & 80, Galvanized. Special orders up to 4" are available. Additional calibrations coming soon.

Sales Request | **Demo Program**

CLICK ME OR SCAN ME FOR DETAILED EXPLAINER VIDEOS!

📞 **Call**
(831) 275-2715

👆 **Click**

✉️ **Email**

FLOW METER DIMENSIONS

LENGTH

10.8cm | 4.25"

WIDTH

12cm | 4.75"

HEIGHT

5.7cm | 2.25"

WEIGHT (LOOSE)

0.36kg | 0.8lbs

CLAMPS (OPEN)

13.3cm | 5.25"

CLAMPS (CLOSED)

5.7cm | 2.25"

INSTALLATION

CLICK ME OR SCAN ME FOR DETAILED EXPLAINER VIDEOS!

TIME TO INSTALL

5-10 MINUTES

INSTALL ORIENTATION

UNIVERSAL (HORIZONTAL, VERTICAL)

METHOD OF INSTALL

CLAMP ON (NO PIPE CUTTING REQUIRED)

3-STEP INSTALL PROCESS

SURVEY -> CONNECT -> CLAMP

PACKAGE DIMENSIONS

LENGTH

25cm | 9.25"

WIDTH

16.5cm | 6.5"

HEIGHT

9.5cm | 3.75"

WEIGHT

0.76kg | 1.6lbs

BOX CONTENTS

Each package includes a device and setup kit with the following:

- 1x   bluebot smart home water meter
- 1x   10' USB-C cable with Type-A plug
- 5x   Ultrasonic gel replacement pads

- 1x   Set of plastic clamp holders
- 1x   Sand paper disc
- 1x   Microfiber cleaning towel

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GENERAL

MATERIAL COMPOSITION

The device is an injection molded plastic shell with CNC acrylic case housing the piezoelectric sensor train and AI driven servo DC motor. Additional components include gel pads made from silicon, electronics made from fiberglass, copper, brass, steel and crystal.

MEASURED FLUID	**ENCLOSURE RATING**	**CERTIFICATION**
WATER, GREYWATER	IP67 / NEMA 6	CE FC

OPERATING TEMPERATURE RANGE	**PATENT**	**FLOW TECHNOLOGY**
0º C - 50º C | 32º F TO 122º F	US 105510231	TRANSIT-TIME ULTRASONIC

INDOOR / OUTDOOR USE

Water, splash, dust and UV resistant with conformal waterproof coated electronics as a best practice.

INPUT POWER

POWER OPERATION	**CABLE LENGTH**
DEDICATED (NO BATTERIES REQUIRED)	3 METERS | 10 FEET

PLUG TYPE	**PLUG INTO UNIT**
STANDARD USA PLUG	USB-C

INPUT VOLTAGE	**CABLE COLOR**
5V, 1A	BLACK

CONNECTIVITY

CONNECTIVITY	**HARDWARE REQUIRED**
Wi-Fi (RF COMING SOON, PREORDER NOW!)	iOS DEVICE, ANDROID DEVICE

Wi-Fi RANGE	**RECOMMENDED Wi-Fi BOOSTERS**
10 METERS | 30 FEET	NETGEAR, EERO, UBIQUITY

Wi-Fi BOOSTER LOCATIONS

BASEMENT, CEILING, DISTANCES OVER 20 FEET

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COMPATIBILITY

PIPE SIZE RANGE

3/4", 1", 1.25", 1.5", 2" (UP TO 4" AVAILABLE)

LARGER PIPE SIZES

2.5", 3", 4" (CUSTOM ORDER ONLY)

PIPE TYPE COMPATIBILITY

COPPER L & M, PVC SCH 40 & 80, GALVANIZED, PEX, PE

ACCURACY

ACCURACY

ACCURACY: +/- 1.0% TO 2.0% OF FLOW READING (PIPE SIZE DEPENDENT)

REPEATABILITY

+/- 0.2% OF FLOW READING

HIGH FLOW CAPABILITY

UNLIMITED (MAX FLOW FOR PIPE SIZE)

RESOLUTION

.000000 (SIX DECIMAL POINTS)

LOW FLOW CAPABILITY

0.2GPM TO 0.5GPM

CALIBRATION

FACTORY CALIBRATION

EACH UNIT IS CALIBRATED ON A CERTIFIED PRIMARY FLOW STANDARD OVER ITS ENTIRE FLOW RANGE WITH A FOUR-POINT FLOW TEST IN OUR STATE-OF-THE-ART FLOW METROLOGY LABRATORY (CALIBRATION CERTIFICATE AVAILAVBLE ON REQUEST).

K-FACTOR (APP CALIBRATION TOOL)

SET EXPECTED VS ACTUAL WATER FLOW USAGE

ZERO POINT (APP CALIBRATION TOOL)

REMOVE ULTRASONIC NOISE (IF PRESENT)

ANY PIPE SIZE OR TYPE - ONE SOLUTION

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PHONE APP *(ANDROID & iOS)*

With a wide range of powerful features and a user-friendly interface, the Bluebot Water app puts you in full command of your water consumption, helping you save money, conserve resources, and contribute to a sustainable future.

WATER SAVING TOOLS

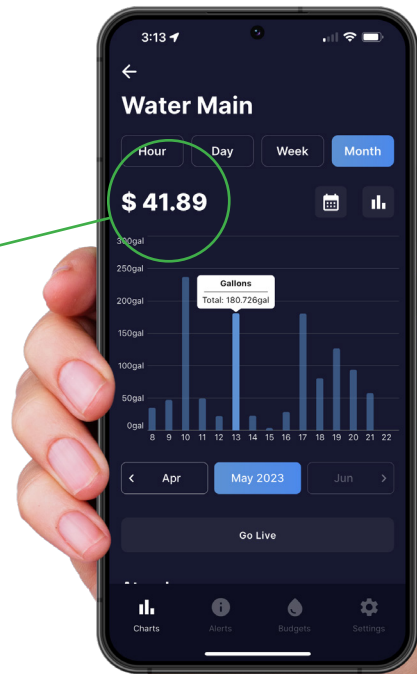REAL-TIME FLOW, HISTORICAL DATA, DOLLARIZE™ WATER USAGE

DYNAMIC ALERTING & BUDGETING

RECEIVE INSTANT UPDATES ON WATER USAGE, LEAKS, ETC.

SUB-METERING / COST ALLOCATION

DESIGNED FOR VISIBILITY OF MULTIPLE DEVICES

DATA ACCESS (ACCOUNT SHARING)

UNLIMITED DATA SHARING AND ACCOUNT SHARING

GET IT ON Google Play · Download on the App Store

WEB PORTAL (IN PROGRESS)

HIGH VOLUME DESIGN

AGGREGATE GROUPS OF METER DATA

EXPORT DATA

MULTIPLE FORMATS .XLS, .CSV, .PDF, ETC.
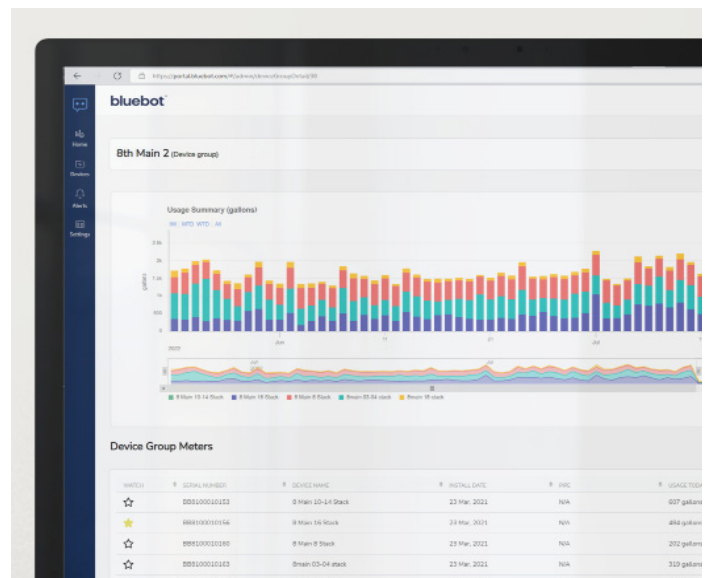
SUBMETERING / COST ALLOCATION

DESIGNED FOR VISIBILITY OF MULTIPLE DEVICES

PARENT & CHILD GROUPING

ORGANIZE FLOW METERS INTO GROUPS

COMING SOON!

AUTOMATIC REPORTING, ROBUST DATA EXPORT & API

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Water Conservation Incentives

Rebates up to $200 are available by county.
Search this database to see if you qualify
and buy your bluebot today.

Search rebates by city, state or county.

Rebate Search   Buy Now