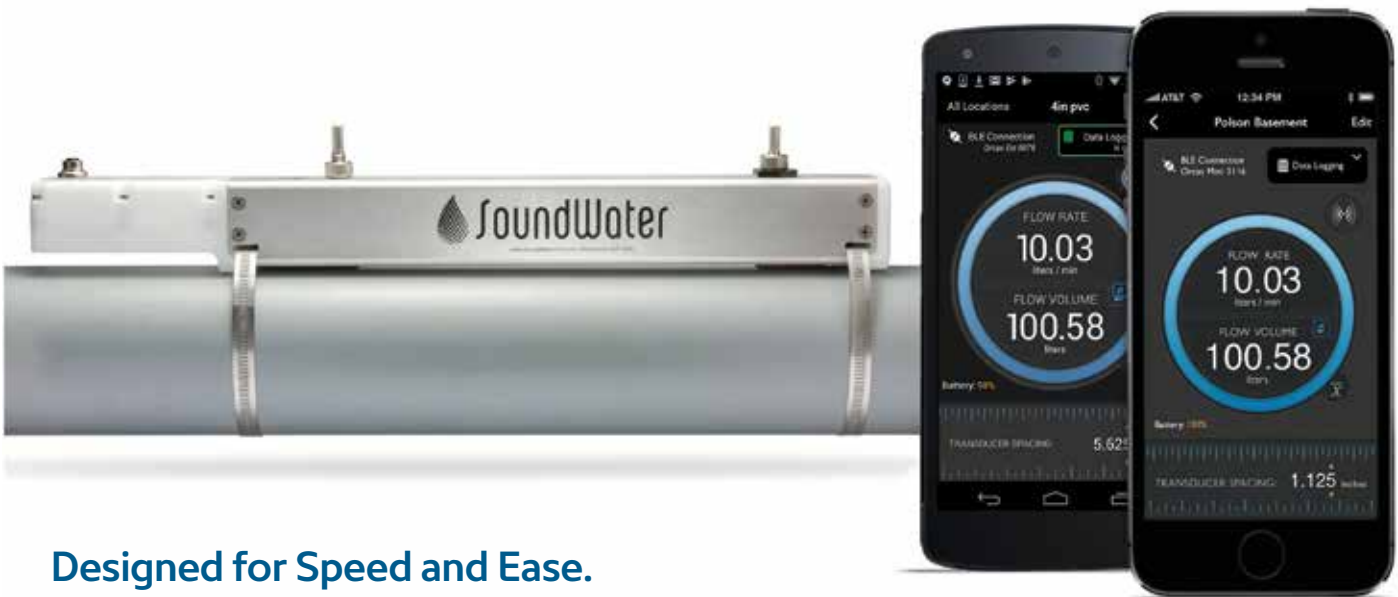


Cypress™ Ultrasonic Flowmeter

A COMPACT FLOWMETER



Designed for Speed and Ease.

Cypress is a compact lightweight flowmeter with external power and communications for long-term flow monitoring.

The Cypress Flowmeter connects with your mobile device via bluetooth and your SCADA/PLC systems — no wires or bulky electronics box. It's a single piece ultrasonic flowmeter that installs on the outside of your pipe in a snap.

ORCAS APP FEATURES

Interactive smartphone/tablet control app —iOS or Android.



ADVANTAGES & FEATURES

- Long-term flow monitoring
- Auto-Adjusting Ultrasonic Power
- Mobile App for fast, intuitive setup and use
- One-piece construction; no assembly
- Connects with your SCADA/PLC
- Wireless design
- Gel-free transducers (optional)
- Locally owned and operated





CYPRESS SPECIFICATIONS*

* Specifications subject to change

Pipe Materials Metal: Steel, Stainless Steel, Copper, Brass, Aluminum, Ductile Iron
Plastic: PVC, CPVC, HDPE, LDPE, PE, PIP, FRP

Installation Installs on pipe from 1" to 36" nominal diameter depending on hardware selection
15 pipe diameters upstream, 5 diameters downstream for optimal performance (typical)

Flow Bi-directional; 0ft/s to 64ft/s (0m/s to 20m/s)
Detection Range

Performance	PIPE SIZE RANGE	ACCURACY	REPEATABILITY
	3" to 36"	±1.0% to 2.0% typical	0.5%
	1" to 2"	±2.0% TO 3.0% TYPICAL	0.5%

Outputs (OPTIONAL) **CURRENT** (4-20 mA) Current proportional to flow; user programmable.
PULSE NFET (NPN type) open drain output with frequency proportional to flow; user programmable.
MODBUS RTU RS485, user programmable port settings.

Display Flow measurements display on SoundWater Technology's Orcas™ App (iOS or Android) Mobile devices connect wirelessly to Cypress with Bluetooth 4.0 (BT LE) Metric and English units

Data Logger Store up to 365 days, 10,000 measurements, 50,000 datapoints

Power 12-24 VDC external power for continuous use 0.6 W Typical (100 mAmp max current)

Turn Down 200:1

Environmental Liquid/pipe temperature -40° to 212 F (-40° to 100° C)
Ambient temperature -40° to 120 F (-40° to 50° C)
IP65 splash proof and weather resistant

For more information, contact your local Irrigation Components Branch.

irricomp.com

Southeast
(251) 626-5470

Southwest
(806) 318-3854

Northwest
(509) 492-0846

Idaho
(208) 731-7285

Midwest/Great Lakes
(308) 381-1509