BLINC™ equips any new or existing water industry device with an IoT connection. This chip-down RF solution provides a cost-effective smart water device with local (Bluetooth®) and long-range (LoRaWAN) connections to smartphones, tablets and the cloud.

Hardware development is streamlined and easy—simply drop BLINC onto your PCB, connect to power and any number of device IOs (valve driver, pulsed meter, digital meter, GPIO), and ship it.

The BLINC module comes ready to deploy with pre-built firmware that connects to the Subeca Engage software eco-system. With powerful applications for manufacturing, testing, deployment, setup, and a full suite of customer-facing user interfaces, you can enjoy the benefits of a cutting-edge product without the engineering labor.

Reduce time-to-market and enhance your product’s communication capabilities so you can focus on your company’s specialties instead of IoT expertise.

Enter the world of IoT in a BLINC.

www.subeca.com
ADVANTAGES & BENEFITS

» Development board available (shown above)

» Speed time to market

» Reduce engineering development cost

» Elevate your product line with cutting edge IoT technology

» Focus your design on your company’s specialties and avoid any in-depth IoT development

» Complete software platform

» Powerful edge network processing: connect one long-range (LoRaWAN) device to many local devices over Bluetooth. Continues to operate if wide area network goes down.

» Bluetooth to LoRaWAN gateway functionality

» Ultra low sleep current for long battery life

» Industry standard security

SPECIFICATIONS

Dimensions: 1” x 1.5” x 0.062”

LoRa output power: 22dBm

LoRaWAN compliant

Sleep current: <50uA

Bluetooth Low Energy 5 (long range coded PHY)

Operating temperature: -40C to 80C

Antenna connections: U.FL

LoRa frequency range: 902-928MHz (US)

Available with through-hole headers or castellated

APPLICATIONS

Water meter registers

Water valves

Water level sensors

Bluetooth to LoRa gateways

And many more...