



xBeacon2

Perfect for engagement applications. The xBeacon2 is a dual transmitter beacon that engages Wi-Fi and Bluetooth LE devices in proximity. The xBeacon2 transmits a Wi-Fi and BLE signal simultaneously that can trigger events and engage mobile clients regardless of smartphone operating systems.

The xBeacon2 can also act as an IoT Gateway (BLE-to-WiFi) hub sensor for logistics and asset tracking applications.

Product Highlights

- + Ease of Maintenance
- + Multiple mounting options available
- + Configurable transmit power and receive sensitivity
- + Flexible form factors and power options
- + Seamless integration with PayX gateways
- + White-label housings
- + On-premise or Cloud Data Analytics
- + Extended battery-life (battery powered models)
- + Plug-n-Play Deployment
- + Integrated enterprise security (AES, SHA, ECC)
- + Cloud connectivity (Wi-Fi, Ethernet, Mesh)
- + Sleek industrial design
- + Supports multiple enterprise applications

Industries

Hospitality

- + Guest Dwell Time & Analytics
- + Effortless Check-in
- + New & Return Visitors Analytics
- + Footpath & Way Finding
- + Branded, Private Wi-Fi
- + Customized Messaging & On-property Offerings

Retail

- + In-Store Analytics
- + Footpath & Way Finding
- + Private Wi-Fi
- + Proximity Marketing & Discount Offers
- + Sales Conversion
- + Mobile Payments

Brands

- + Branded, Private Wi-Fi
- + Proximity Marketing

Marketing Agencies

- + Capitalize on New Technologies to Win Business
- + Contextual Offers
- + Granular Insight to Individuals & their Shopping Habits
- + Possess the Ability to Market to the Customer while in the Store

Healthcare

- + High Value Asset Tracking
- + Footpath & Way Finding

Out-Of-Home

- + Trigger Personalized Messages on Digital Signature

Logistics

- + Track Valuable Assets Anywhere in the World
- + Measure Temperature, Humidity, Lighting, Barometer Speed, Elevation

Technical Specifications

DIMENSIONS USB
70 mm x 70 mm x 34 mm
2AA Battery
74 x 45 x 25 mm (2.9 x 1.7 x 0.98 in)

WEIGHT 0.75 oz. / 21 g (USB)
2.8 oz. / 80 g (with 2 AA Batteries)

PROCESSOR Atmel MCU

OPERATING SYSTEM n/a

REMOVABLE STORAGE n/a

WI-FI FEATURES TCP and UDP Client Mode
HTTP/HTTPS AP Mode
DHCP and DNS WEP, WPA, WPA2

BLUETOOTH LE FEATURES Apple's iBeacon
Google's Eddystone
L2CAP, ATT, GATT, GAP
Peripheral and Central Mode

BLUETOOTH CLASSIC FEATURES n/a

ENVIRONMENT Operating Temperature:
-40°C to 85°C
Humidity: 5 to 95% Non-Condensing

RADIO FREQUENCIES WWi-Fi: 2.4GHz
Bluetooth LE: 2.4GHz

OUTPUT POWER Wi-Fi: up to +17dBm (Rx -97dBm)
Bluetooth LE: Up to 0dBm (Rx -93dBm)

RANGE Wi-Fi (LOS): 300-500m
Bluetooth LE (LOS): 30-100m

POWER SUPPLY Battery: AA
USB input: 5 V DC @ 500mA max

EXTERNAL INTERFACES USB
UART
NFC

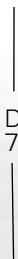
OPTIONAL MOUNTING OPTIONS Adjustable Mounting Bracket
Ceiling/Wall Mounting Plate
USB Power Adapter (US 110v AC)
Weatherproof Package
Charging Clip

APPLICATIONS Dual mode Proximity Beacon (BLE + Wi-Fi)
Proximity Marketing
Wi-Fi AP/Client
Proximity Payment
Access Control
IoT Gateway
BLE Gateway

Width
70mm (2.756 in)



Depth
70mm (2.756 in)



Height
34mm (1.33 in)

