xBeacon1

Ideal for both engagement and presence applications. The xBeacon1 is a single transmitter beacon that can engage Bluetooth LE devices in proximity. The xBeacon1 transmits a wireless BLE signal that can be used to trigger events and engage mobile clients regardless of smartphone operating system. The xBeacon1 also supports a variety of business optimization applications such as workforce management, asset management, tracking and logistics.

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

PayX

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 18 x 13 x 5 mm (0.7 x 0.51 x 0.2 in) Lithium Battery (Coin Cell 2477) 38 x 28 x 10 mm (1.5 x 1.1 x 0.4 in) High Capacity Lithium Battery (19,000mAh)
WEIGHT	0.1 oz. / 2.8 g (USB) 0.6 oz. / 18 g (with Lithium Battery)
PROCESSOR	ARM Cortex M0 MCU
OPERATING SYSTEM	n/a
REMOVABLE STORAGE	n/a
WI-FI FEATURES	n/a
BLUETOOTH LE FEATURES	Apple's iBeacon Google's Eddystone L2CAP, ATT, GATT, GAP Peripheral & Central Mode
BLUETOOTH CLASSIC FEATURES	n/a
ENVIRONMENT	Operating Temperature: -40°C to 85°C Humidity: 5 to 95% Non-Condensing
RADIO FREQUENCIES	Wi-Fi: n/a Bluetooth LE: 2.4GHz
OUTPUT POWER	Wi-Fi: n/a Bluetooth LE: Up to 0dBm (Rx -93dBm)
RANGE	Wi-Fi (LOS): n/a Bluetooth LE (LOS): 30-100m
POWER SUPPLY	Battery: AA or Lithium Coin Cell USB input: 5 V DC @ 500mA max Indoor Ambient Light: Amorphous Silicon (a-Si) PV cell
OPTIONAL MOUNTING OPTIONS	Adjustable Mounting Bracket Ceiling / Wall Mounting Plate Weatherproof Package Charging Clip
APPLICATIONS	Proximity Beacon Asset Tagging (Active RFID) Workforce Management Supply Chain Logistics IoT sensing applications

Depth
28mm (1.1 in)

Width
38mm (1.5 in)

Height
10mm (.4 in)