

Digital Smart Hub

Citybeacon product range

- ✓ Advertising display size 55" (2x)
- ✓ Interactive Kiosk display size 21,5" to 32"
- ✓ IoT ready
- ✓ Skin colour and branding

Overview

CityBlox

Tower model

Highlights

Specifications

CityBlox

Compact, versatile
and modular



Tower

Iconic, sleek
design and
present



Digital Smart Hub

System description & functionality

- ✓ Modular by design
- ✓ Neutral host infrastructure
- ✓ Versatile configuration options
- ✓ Smart City AI/ML capable

Overview
CityBloX
Tower model
Highlights
Specifications

CityBloX Digital Smart Hub: enabling the smart grid of tomorrow

Height
2,4-3m
8-10 Ft

Smart City capabilities

Cameras and sensors can collect audience analytics, air quality information and other information providing city councils with actionable insights.

Announcements and advertisements

The ultra bright (3500 nit) large display units (55”) are an eye catcher, ideal for emergency broadcasting or city wide messaging and marketing activities.

Modular, customizable and durable

The modularity of the design enables for easy maintenance, swaps of components, upgrades or custom hardware installation. Citybeacons are built to last with anti-vandalism scratch resistant paint and reinforced glass display units, build for extreme weather conditions.

Neutral host for 3rd party equipment

Citybeacons’ Telco-grade infrastructure supports network densification, promotes location sharing and enables neutral host capabilities for radio equipment. MMWave connection options allow for wireless backbone enablement. The Edge compute capability allows for building distributed processing power at street level enabling future use cases and offers a pathway to software based networking topologies like OPENRAN.

Aesthetic eye catcher

Citybeacons come in appealing formfactors designed to fit perfectly in any modern city landscape. Brighten up the city skyline with CBAura™. The LED colours and intensity can be customized or temporarily adapted for festivities or special occasions.

Safety and security

Emergency services can be activated via a programmable push button. Advanced anomaly detection and notification features and can create real time alerts at the control room dashboard. This enables emergency services to respond quickly.

2-way information service

Various services can be selected from the App Store or customized web based services can be integrated into the kiosk, the possibilities are numerous. This enables citizens’ engagement, connects your audience and build valuable relationships.

Mobile, charging and payment

Wireless mobile device charging capabilities, mobile handhoff of information via NFC or QR codes, mobile payments to pay for local services such ticketing and parking etc.



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Announcements and advertisement

The ultra bright (3500 nit) large display units (55”) are an eye catcher, ideal for emergency broadcasting or city wide messaging and marketing activities.

Neutral host for 3rd party equipment

Citybeacons’ Telco-grade infrastructure supports network densification, promotes location sharing and enables neutral host capabilities. Citybeacons contribute to a more efficient use of the urban canvas by avoiding further cluttering and fragmentation through it’s multi-tenant hosting capabilities for radio equipment. (OPENRAN)

Mobile, charging and payment

Wireless mobile device charging capabilities, mobile handhoff of information via NFC or QR codes, mobile payments to pay for local services such ticketing and parking etc.

Height
4,5m
15 Ft

Aesthetic eye catcher

Citybeacons come in appealing formfactors designed to fit perfectly in any modern city landscape. Brighten up the city skyline with CBAura™. The LED colours and intensity can be customized or temporarily adapted for festivities or special occasions.

Safety and security

The integrated cameras lets local authorities monitor public spaces. With Artificial Intelligence capabilities authorities can be notified when certain events occur.

Modular, customizable and durable

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2-way information service

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Digital Smart Hub

Benefits

- ✓ Future proof
- ✓ Unites a multitude of functionality, reduces street furniture clutter
- ✓ Open platform approach
- ✓ Privacy by design

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Appealing form factors

Incredibly stylish and slim design yet fully telecom and IoT capable acting as a Neutral Host environment. Display sizes ranging from 55" to 75" delivering unparalleled UltraBright visual experience.



Your own Citybeacon

The skin can be customized with various colour finishes: RAL colours, matt/gloss combined with branding (e.g. logo) allows for specific look & feel.



Kiosk App store

The touch screen is powered by CB OS™, enabling a series of 'apps': Wayfinding, Local services (e.g. news, weather, info), Surveys and feedback, or simply enable your own.

Web Portal

Manage 24/7 the functionality of the Kiosk. Advertisement (CMS+) scheduler, access to statistical info on usage and Apps and configuration of the Kiosk remotely.



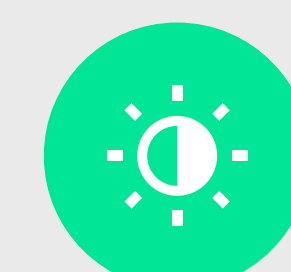
Features



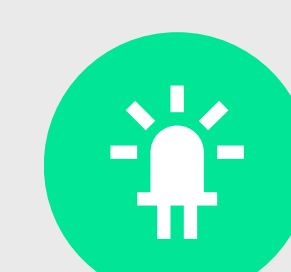
IP56 rated enclosure



Kiosk multi touch capacitive screen



Ultra Hi-bright screens
3500 nit sensor controlled



CBAura™ Multi colour
LED lights



Single or dual sided Kiosk

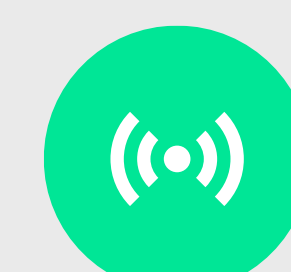


Operating temperature:
-10C/14F | 35C/95F

Options



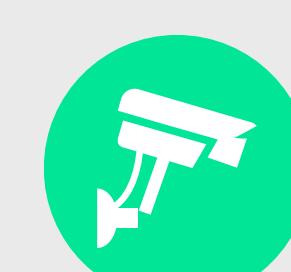
Telco grade hosting
WIFI/CBRS/4-5G



Environmental Sensors



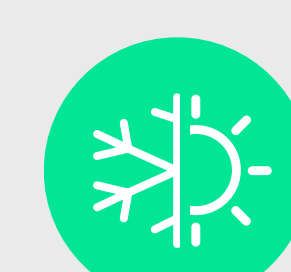
Wireless charging for
mobile phones



Audience analytics
camera (2x)



CBCortex™: IoT GW
HyperEdge Compute



Airco or heater for extreme
hot or cold climates

Digital Smart Hub

Specifications

- ✓ Publish local content on the Kiosk
- ✓ Multi language, collect citizen feedback or opinions from the street
- ✓ Easy to use Citybeacon CMS+
- ✓ Global monitoring & managed services

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Software

The Citybeacon Digital Smart Hub can be remotely configured and all hardware performance is monitored continuously. The Citybeacon App store expands with new functionality regularly. An API/SDK model ensures communities can create their own Apps or have them created.



Hardware

Citybeacon Digital Smart Hubs are modular by design. Hardware capabilities and outer shell layout can be chosen based on core functions: kiosk, connectivity or charging. They can be changed over time as your venue adapts, further future proofing your investment.





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