

# 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

Ideal for sub-urban, in-and-around malls and shopping centers, industrial environment.



### Tower

Ideal for Town Centers, low footprint and high visibility of top screens






# Digital Smart Hub

## System description & functionality


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

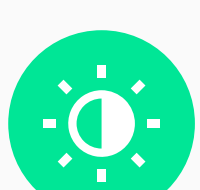
[Overview](#)[CityBloX](#)[Tower model](#)[Highlights](#)[Specifications](#)

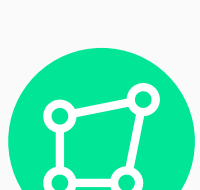
## CityBloX Digital Smart Hub: enabling the smart grid of tomorrow

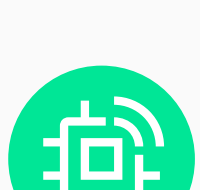



Height  
2,4-3m  
8-10 Ft

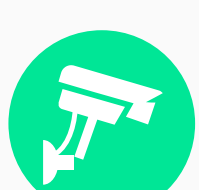
**Smart City capabilities**   
Cameras and sensors can collect audience analytics, air quality information and other information providing city councils with actionable insights.

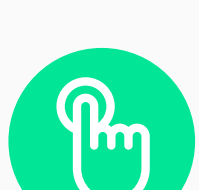
**Announcements and advertisements**   
The ultra bright (3500 nit) large display units (55") are an eye catcher, ideal for emergency broadcasting or city wide messaging and marketing activities.

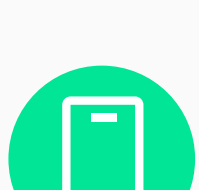
**Modular, customizable and durable**   
The modularity of the design enables for easy maintenance, swaps of components, upgrades or custom hardware installation. Citybeacons are built to last with anti-vandalism scratch resistant paint and reinforced glass display units, build for extreme weather conditions.

**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 handoff of information via NFC or QR codes, mobile payments to pay for local services such as ticketing and parking etc.



# Digital Smart Hub

## System description & functionality

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

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## Tower Smart Hub: enabling the smart grid of tomorrow

**Smart City capabilities**

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

**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**

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.

**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.



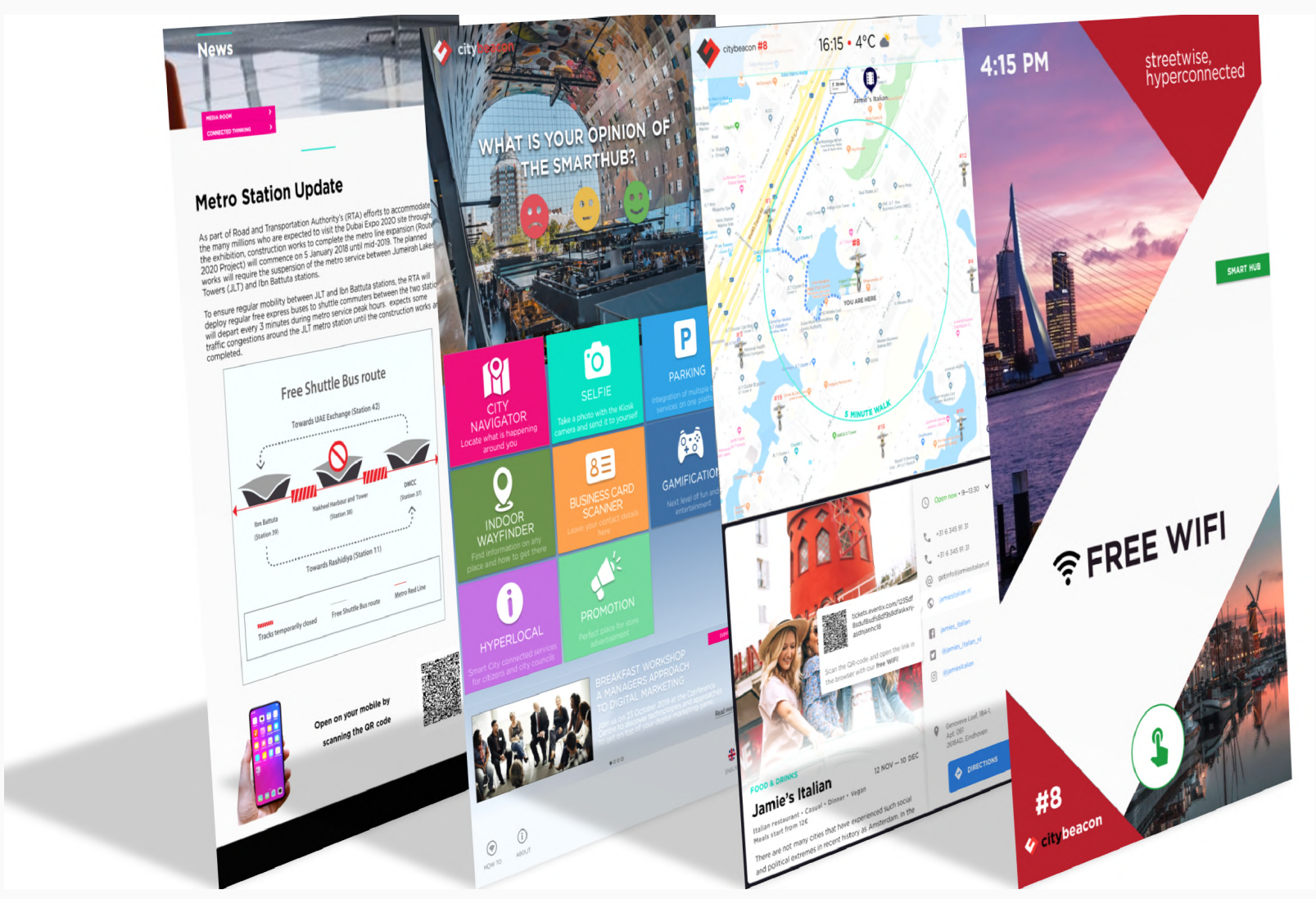


# Digital Smart Hub

## 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.


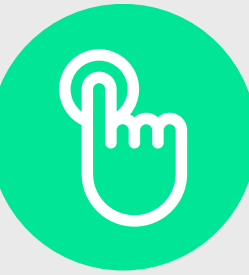
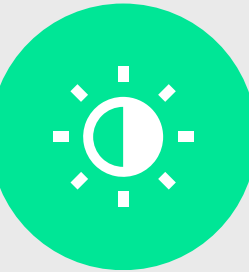
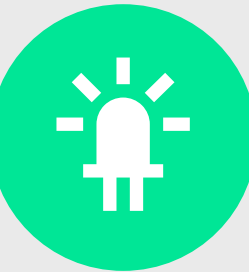


## Kiosk App store

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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