



TapPoint

The BlueCats Bluetooth LE TapPoint is a purpose built, all-in-one industrial grade Bluetooth LE Reader, capable of reading Bluetooth LE tags at close proximity (Tap) for the purpose of Site Access and Proof of Presence (PoP).

Each TapPoint works in a standalone mode and can hold a Whitelist to allow offline or online Access Control via Loop Cloud, to trigger the opening of a Gate, Boom Gate or Turnstile.

When used for PoP purposes, the TapPoint will give a visual assurance to the user that their PoP Tap has been received and recorded.



Features



IP67 RATED

Designed for harsh industrial environments or outdoor applications



UV, CHEMICAL RESISTANT



ETHERNET 1 X 10/100M, 1 X POE



TEMP RANGE -18°C TO +65°C



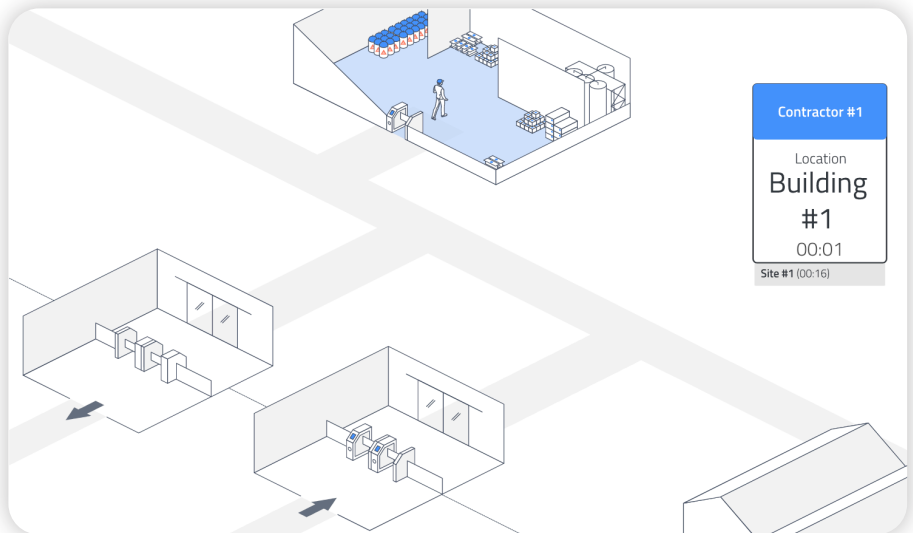
WIFI 802.11 B/G/N 2.4 GHZ



5V-24V INPUT RANGE

Solar, Battery & LTE options available

Solution Visualisation



Works Great With

- BC313
- BC2401
- BC2510



Specifications

CONSTRUCTION

Form Factor	BLE Gateway
Dimensions	58mm(H) x 58mm(W) x 26mm(D)
Weight	54g
Power Options	Line or PoE
Power Draw	1A Max
Operating Temperature	-18°C to +65°C

RADIO

Bluetooth Specification	Bluetooth 4.2
Frequency	2.402GHz to 2.480GHz
Transmit Power	5 dBm to -23 dBm
Receiver Sensitivity	-97dBm
Antenna	PCB / External Whip / Directional antenna

BLUETOOTH

Proximity Detection, Line of Sight	Up to 400m
Normal Operation	100m

DEVICE

System-On-Chip	Atheros AR9331
CPU	400Mhz
Flash	16mb
RAM	64mb
Ethernet	2 x 10/100M, 1 POE
WiFi	802.11 b/g/n 2.4 GHz with PCB antenna
Max Transmit Power	18dBm
Bluetooth 4.2 (BLE)	BC011 (TI CC2640) - with external antenna
OS	OpenWrt CC 15.05
Protocols	UPD / MQTT / HTTP(S)

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