


Connect™ Monitor

Connected everything – multifunctional integrated sensor for IoT

(Preliminary datasheet)

- Retrofit or new build
- Easy to install
- Self-contained
- Universal fit
- Battery powered



Specifications	
Power source	Size A lithium battery (not replaceable nor rechargeable)
Sensors	Internal
Transmitters / Indicators	Bluetooth 5.0 (4.0 Comparable), NFC, LED status indicator
Protocols supported	Wellington Connect, iBeacon, and Eddystone*
Data storage	2 months under normal conditions
Battery life	5+ years under normal conditions
Overall Dimensions	107 x 42 x 27 mm (4.2 x 1.6 x 1.1 in)
Ingress protection	IP67
Operating temperature	-35°C to +40°C (-31°F to +104°F)
Storage temperature	-40°C to +85°C (-40°F to +185°F)
Weight	70 g (2.5 oz)
Approvals**	

* Eddystone will not be available in field trial units

** Approvals pending

Functions	
Asset location	Identify equipment position changes at retail location via movement detection. Manage unauthorized movements by tracking equipment location via Wellington Connect Apps.
Appliance parameters logged	Temperature: average, high and low during each period; count of door openings; compressor duty cycle; light level (captured to identify equipment operating state).
Internal functions logged	Track internal battery status and fault alarms.
Frequency of logging	Appliance and internal functions are logged every 30 minutes.
Connection and data format	Compatible with all other Wellington Connect devices and apps.
Battery optimisation	Self-determines when an appliance is not in use and automatically enters standby mode. Beacon advertising frequency optimized for functionality and configurable for enhanced battery life.
Beacons	iBeacon and Eddystone beacon equipped for both consumer marketing and commercial app interactions.
Equipment application	Vertical coolers and freezers; food service counters; walk-in coolers and cold rooms, etc*

* One Connect Monitor required per door. Multiple devices per system may also be required for special applications.



INSTALLATION

- Attach Connect Monitor to appliance wall within **70 mm (2 3/4 in)** of door, using the supplied hardware (adhesive tape or self-tapping screws).
- Using Wellington Connect Field App, enable Monitor and assign the equipment information.
- Complete equipment in-store setup following your usual process in the Field App.

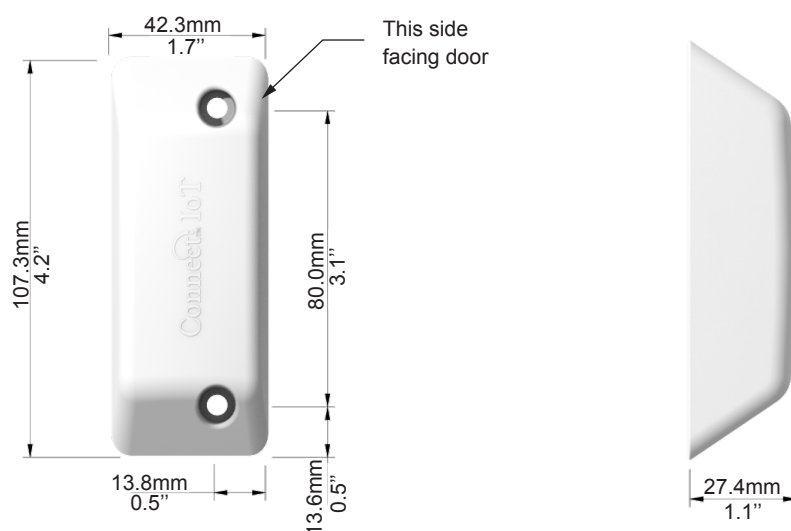
Connect Monitor can be installed in various types of assets. Some applications include:

- Retrofit your non-connected equipment fleet.
- Use as a low-cost connected device to monitor refrigeration equipment with mechanical thermostats.
- Fit to foodservice display cabinets.
- Use in cold rooms, walk-in coolers and freezers.
- Fit in temporary cold storage devices at events.
- Monitor cold or frozen goods during transport.
- Fit to portable refrigeration units.
- Automate your HACCP monitoring and reporting.
- Track unpowered assets, such as merchandising racks and shelves.

Preferred installation position



DIMENSIONS



Safety warning: Wellington Connect Monitor devices contain a lithium battery. This may be hazardous if incinerated or physically damaged. Used devices should be responsibly disposed.

Patent pending

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