

WI-FI BEACON

Easy to deploy, battery-powered Wi-Fi beacon for improved indoor tracking accuracy.



- Use to **improve indoor coverage and location accuracy** where Wi-Fi access points are sparse or unavailable
- **Wi-Fi Beacon Range:** 200m (optimal conditions) / ~40m (typical indoors with obstructions)
- Powered by 2 x D Cell **user-replaceable batteries** with 12+ months of battery life
- Magnetic activation for easy deployments



12+ Month
Battery Life



Ultra-Rugged
& Waterproof



Improved Indoor
Accuracy



Integrated with
Location Engine



Fast, Easy
Deployments



White-Label
Ready

No Wires, Install Anywhere

Battery-powered and fully wireless for simple, flexible installation wherever you need it.

Flexible Configuration

Adjust beacon parameters (signal power, interval, channel) to optimize range and battery life.

Extend Coverage Indoors

Deploy in dead zones or in areas without existing Wi-Fi APs to instantly fill coverage gaps.

Cloud-Based Location Solving

Integrates with Digital Matter's Location Engine for improved indoor positioning.

Battery Life Estimates

Broadcast Rate	5 dBm @ 1 s	15 dBm @ 300 ms	20 dBm @ 100 ms
Estimated Battery Life*	2.5 Years	12 Months	3 Months

INDOOR ASSET TRACKING | WAREHOUSING & LOGISTICS | AIRPORTS | RETAIL | HOSPITALS | & MORE

* Battery life estimates are influenced by several factors including temperature, battery selection, broadcasting frequency, transmission power and more.

Connectivity

Wi-Fi Module	Channels Supported: 2.4 GHz: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 (default)
Wi-Fi Standards	802.11b/g (supported rates: 1 Mbit/s, 2 Mbit/s (default), 6.5 Mbit/s)
Max Broadcast Power	20 dBm (default: 15 dBm)

Power

User-Replaceable Batteries	2 x D Cell (1.5 V per cell). Batteries not included.
Supported Battery Types	Alkaline Battery selection is very important. Follow this link to learn more.
Battery Life Estimates*	5 dBm and 1 second broadcast rate – 2.5 years 15 dBm and 300 ms broadcast rate – 12 months 20 dBm and 100 ms – ~3 months

* Battery life estimates are influenced by several factors including temperature, battery selection, broadcasting frequency, transmission power and more. Battery life calculators are available at [support.digitalmatter.com](#).

Mechanics / Design

Dimensions	222 x 91 x 41 mm (8.74 x 3.58 x 1.61 in)
Device Weight	480 g with Alkaline D Cell batteries.
Housing	Non-branded nylon glass housing is suitable for white labelling.
IP/IK Rating	Ultra-rugged and waterproof IP68 and IK07-rated housing ensures the device can withstand impact, fine dust, and brief submersion.
Installation	Compact and concealable. Multiple installation options for covertly and easily securing the device with screws, bolts, cable ties, rivets, mounting magnets and more.
External Magnet	Presence of magnet deactivates the beacon.

Temperature Range

Operating: -30 °C to +60 °C
Recommended Storage: 10 °C to 30 °C, Humidity 30%.
Store in a cool, dry place.

Diagnostic LED

Diagnostic LED indicates operation status.

Device Management

Flexible Configuration

Configure device parameters such as output strength, channel, modulation, and beaconing interval.

Configuration App

Configurable with DM-Link provisioning tool.

Warranty

Manufacturer's Warranty

Two-year manufacturer's warranty. [Exclusions apply.](#)

Certifications

Please view our knowledge base for [regulatory certifications](#).
