

# Connected Modules



True ultra-low power

Green

Smart

Swiss Precision

Custom

## Identify, Locate, Sense, Monitor, Detect

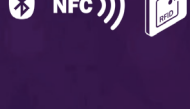
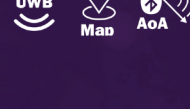


Powered by EM ICs

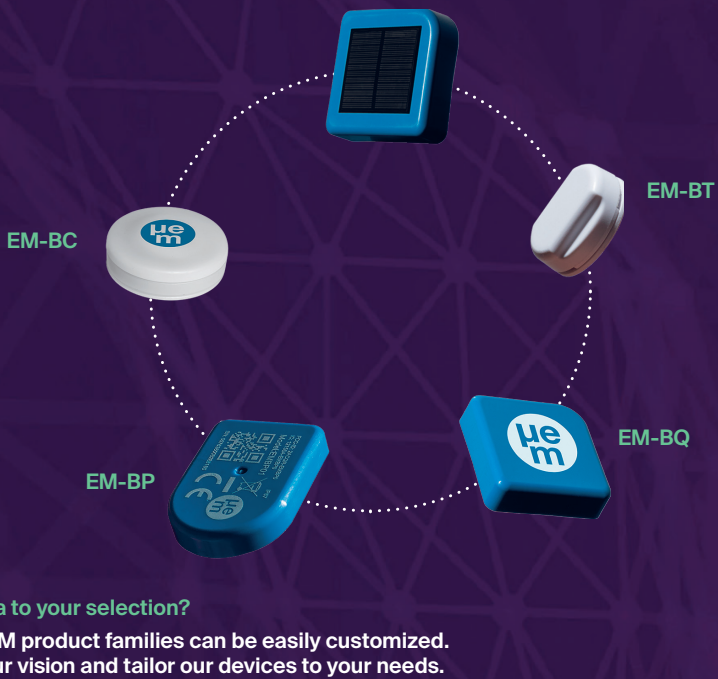
Energy Harvesting

Localisation

Connectivity



## EM Beacon Menu



Anything extra to your selection?  
Established EM product families can be easily customized.  
We realize your vision and tailor our devices to your needs.

## Customization Options: Mechanical Design



**Personalization:**

- Your Logo
- Your Color

**Materials:**

- Plastics
- PCR-Plastics
- Green-Materials

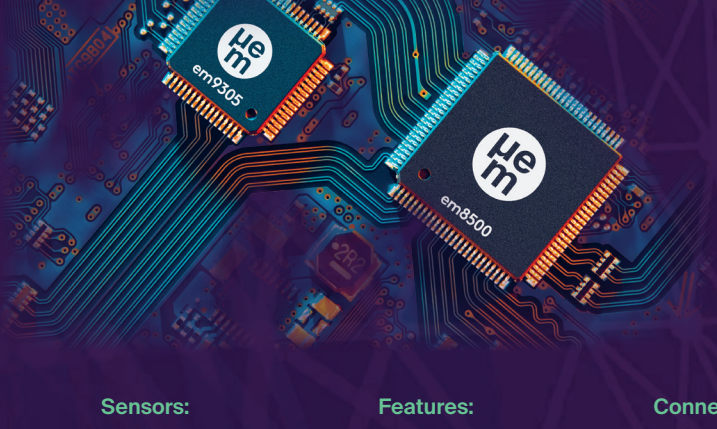
**Shape Morph:**

- Size and Shape
- Anchors & Interfaces

**Construction Concepts:**

- Pull-Tab activation
- IP class safe
- Shock & Drop safe
- Replaceable batteries

## Customization Options: Hardware



**Power Source:**

- 1.5V Battery
- 3.0V Battery
- Energy Harvesting

**Sensors:**

- Accelerometer
- NIST Temperature
- Humidity
- Light & IR
- Capacity
- Pressure

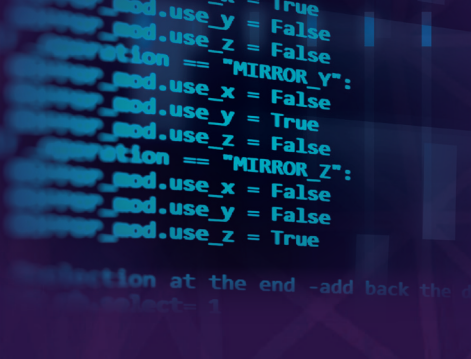
**Features:**

- LEDs
- Buttons
- UWB
- AoA

**Connectivity:**

- Bluetooth® LE
- RFID
- NFC

## Customization Options: Firmware



**Protocols:**

- iBeacon
- Eddystone
- Custom formats

**Features:**

- Button press
- LED blinking
- Warehouse Mode
- GPIO customization

**Beaconing Settings:**

- Frequency
- Intensity

**ML Algorithms:**

- AI on Edge support
- Event definition

## Customization Options: Accessories



**Packaging:**

- Formats and Boxes
- ECO materials

**Anchoring Aids:**

- Adhesive Tapes
- Clip-In's
- Holders
- Mounting Brackets

## Get in touch with us!



### Contact

HQ: EM MICROELECTRONIC  
Rue des Sors 3, 2074 Marin  
Switzerland  
Phone: +41 32 755 51 11  
modules@emmicroelectronic.com  
www.emmicroelectronic.com

USA: EM MICROELECTRONIC US INC.  
5475 Mark Dabbling Blvd. Suite 200 CO  
80918 Colorado Springs  
United States  
Phone: 719 593 2883  
modules@emmicroelectronic.com