



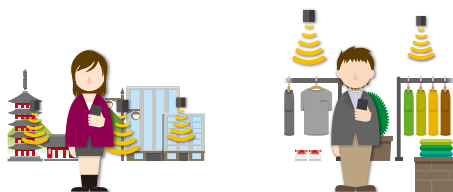
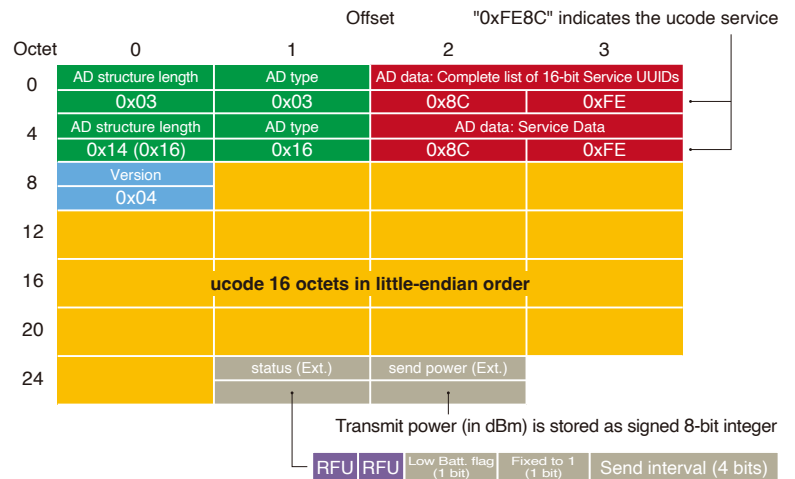
# kokosil® Marker

**TRON Forum UID-00049**

Certified ucode tag conforms with Bluetooth LE ucode Marker Packet Format Specification

## kokosil® Marker (Bluetooth LE ucode Marker)

- kokosil marker transmits ucode using Bluetooth LE.
- As your smartphone gets close to a kokosil marker embedded into an object, ucode is passed to the installed application, and you can receive information on the object such as description and short video.
- ucode, an international standard, is a 128-bit identification number.
- kokosil marker utilizes a 16-bit Universally Unique Identifier (UUID) for TRON Forum allocated by the Bluetooth SIG.



- Tag it to sightseeing spots and streets for providing information guides and pedestrian navigation systems.
- Build guidance systems for museums, zoos, gardens, and parks.
- Provide floor guides and advertise featured products and shops at shopping malls and department stores.

With kokosil® and information content, multilingual information guide services can be swiftly launched.

## Product Specification

| Items                            | Specification   |
|----------------------------------|---|
| Conforming specification         | Conforms with TRON Forum "Bluetooth LE ucode Marker Packet Format Specification"                |
| Transmitted data                 | ucode (128 bits) and optional tag information   |
| Maximum transmission distance    | Approximately 30 meters   |
| Physical/MAC layer Specification | Conforms with Bluetooth Low Energy (Bluetooth SIG)  |
| Transmit interval                | Configurable (0.3 seconds proximity detection as an example)                                    |
| Transmit power                   | Max. 4 dBm (Indoor and outdoor type) / Max. 3 dBm (Pendant type) / Max. 0 dBm (USB dongle type) |
| Battery life                     | Approximately 2.4 years (With four AA batteries at the transmit interval of 0.3 seconds)        |

## Product Variations

| Type        | Product ID | Power Source            |   |
|-------------|------------|-------------------------|---|
| USB Dongle  | U02M0037   | 5 V (via USB)           | Suitable for permanent installation, e.g., museum guides        |
| Pendant     | U02M0034   | 3 V (coin cell battery) | Suitable for featuring products and watching children           |
| Indoor use  | U02M0031   | Four AA batteries       | Easy installation: put it and ready to use                      |
| Outdoor use | U02M0026   | Four AA batteries       | Support outdoor installation guide systems at parks and streets |

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