



## Puck Technical Specifications

### Features:

- Microsuction cup adhesive
- Bluetooth 4.1
- Infrared Emitter
- Identification LED
- Black Polycarbonate shell

### Dimensions:

- Height: 0.68 inches
- Diameter: 1.5 inches

### Power and Battery:

- Replaceable *Energizer*® 2032 coin cell battery
- Up to 1 Year under regular use

### BLE Module:

- Bluetooth 4.1
- Range: Approximately 100 feet
- Certified to FCC, CE, MIC, KC, and IC regulations. Refer to KBA97094 for RF certification test reports.  
Bluetooth SIG 4.1 qualified

### Infrared Emitter:

- Peak wavelength:  $\lambda_p = 950 \text{ nm}$
- Angle of half intensity:  $\phi = \pm 22^\circ$
- Range to target infrared receiver if placed in front of device:  $\pm 18 \text{ inches}$
- Range to target infrared receiver if flush mounted to device:  $\pm 2 \text{ inches}$
- Compliant to RoHS Directive 2002/95/EC and in accordance to WEEE 2002/96/EC

### Mobile App:

- Available for iOS now for free
- Android expected beginning of Q2 2017

### Intellectual Property:

- BLUETOOTH WIRELESS NETWORK FOR INFRARED ELECTRONIC DEVICES  
Awarded by the USPTO on 12/29/2016  
(Continuation filed to expand claim)
- U.S. Serial Number: 86-481,256 Mark: PUCK (Stylized/Design) Owner: Smashtoast, Inc.  
Docket/Reference Number: 1015.41139