

# Data Sheet

## Fujitsu UBIQUITOUSWARE

### Location Unit (S) IOT004, (L) IOT005

#### High precision location information of people and assets

The Fujitsu location Badge (Location Unit (S) and clip type attachment) uses pedestrian dead reckoning technology based on proprietary algorithms to locate people in locations where GPS is hard to use (indoors) and use GPS to locate them outdoors, for precise location monitoring and motion tracking. The system can also detect a person's posture or whether they have fallen.

The Fujitsu Location Tag (Location Unit (L) and pipe/flat surface attachment) uses GPS to track the paths of things using fewer beacons, in order to monitor their positions.

In hospitals, commercial facilities and warehouses, badges and tags are worn by staff, customers and objects allowing their positions be tracked in real time. This can be used to reallocate personnel, promote safety by detecting falls in real time, manage goods, reorganize store layouts and product placement.

#### Benefits:

- A proprietary algorithm via PDR (Pedestrian Dead Reckoning) allows high precision and low cost positioning measurements
- Understand user's condition, such as posture or falls by attaching the device to the body
- Learn users' behavioral patterns from the accumulated data in the cloud and identify any abnormalities
- Provide a high level of security management by identifying devices and user locations



Location Unit (S) IOT004



Location Unit (L) IOT005

# Location Unit

	Location Unit (S) IOT004	Location Unit (L) IOT005
Notes    The product is not for medical use and requires additional software to provide functionality		
Technical data		
Wireless connection	Bluetooth® Smart GPS	
Chemical resistance	Ethanol, IPA, sodium hypochlorite	
Dustproof	IP5X	
Waterproof	IPX5 / IPX7	
Resilience	MIL-STD 810G	
Sensors	Accelerometer Gyroscope Geomagnetic Barometric pressure	
Special features		
Indicator	Colored LED x 1 (red) Charing, Low Battery indication (Yellow-Green) Power on/off, Battery status check (Orange) Configuration update *Refer to the Instruction Manual for the details.	
Operation	Button x 3 <ul style="list-style-type: none"><li>- Power ON/OFF</li><li>- Notification button 1 (Configurable)</li><li>- Notification button 2 (Configurable)</li></ul>	Button x 1 Power ON/OFF
Compliance		
Europe	CE CB	
USA/Canada	FCC/IC Class A UL/cUL	
Battery Charger		
Battery Charger	Battery Type : Battery Type:Li-ion 290mAh Battery Life: <ul style="list-style-type: none"><li>- Standard mode: approx. 50hrs</li><li>- Beacon mode: approx. 557hrs</li></ul> (battery life will vary depending on the usage)  Charging method: Charging Terminal connecting to dedicated charging cradle, battery is not removable. Charging time = approx. 150mins	Battery Type for: Battery Type:Li-ion 1450mAh Battery Life: <ul style="list-style-type: none"><li>-Standard mode: approx. 487hrs</li><li>-Beacon mode: approx. 4months</li></ul> (battery life will vary depending on the usage)  Charging method: Charging Terminal connecting to dedicated charging cradle, battery is not removable Charging time = approx. 390mins
Dimensions / Weight / Environmental		
Dimension details	approx. 1.18 x 2.34 x 0.41 in. (30 x 59.4 x 10.4mm)	approx. 3.23 x 2.01 x 0.41 in. (82 x 51 x 10.4mm)
Weight	approx. 0.78 oz. (22 g)	approx. 2.15 oz. (61 g)
Operating ambient temperature	32 - 122°F (0 - 50 °C)	
Operating relative humidity	20 - 80 %	

Warranty




Warranty period 1 year

Order information

F-Code	Part Number	Description
FPCSK384AP	CP710003-01	Location Unit (S) for Standard Mode
FPCSK393AP	CP720387-01	Location Unit (S) for Beacon Mode
FPCSK383AP	CP710000-01	Location Unit (L) for Standard Mode
FPCSK394AP	CP720385-01	Location Unit (L) for Beacon Mode

Contact your local Fujitsu representative for more information [www.fujitsu.com/us](http://www.fujitsu.com/us)

# Accessories

	Location Unit (S) IOT004	Location Unit (L) IOT005
<p>Clip type attachment F-Code (FPCSK386AP) Part number CP710581-01 Dimension 1.34 x 2.28 x .088 in. (34x57.7x22.3mm) Weight= approx. 0.46 oz. (13 g)</p>		
<p>Pipe attachment F-Code(FPCSK387AP) Part NumberCP710590-01 Dimensions =approx. 2.31 x 3.94 x 2.49 in. (58.8x90x63.3mm) (for Pipe <math>\phi</math>30) Weight = approx. 1.23 oz. (35 g)</p>		
<p>Flat surface attachment F-Code(FPCSK388AP) Part Number CP710593-01 Dimensions = approx. 2.31 x 3.94 x 0.79 in. (58.8x90x17.8mm) Weight = approx. 1.13 oz. (32 g)</p>		
	<p>Cradle charger kit (for 1) - Location Unit (S) US Plug (FPCBC045AP) Part Number CP710575-01  Cradle Dimensions = 2.35 x 3.06 x 1.34 in. (59.5x77.6x34mm) Cradle Weight= approx. 2.79 oz. (79g)</p>	<p>Cradle charger kit (for 1) - Location Unit (L) US Plug F-Code(FPCBC047AP) Part Number CP710584-01  Cradle Dimensions = 2.35 x 3.06 x 1.34 in. (59.5x77.6x34mm) Cradle Weight= approx. 2.79 oz. (79g)</p>

# About Fujitsu Americas

Fujitsu America, Inc. is the parent and/or management company of a group of Fujitsu-owned companies operating in North, Central and South America and Caribbean, dedicated to delivering the full range of Fujitsu products, solutions and services in ICT to our customers in the Western Hemisphere. These companies are collectively referred to as Fujitsu Americas. Fujitsu enables clients to meet their business objectives through integrated offerings and solutions, including consulting, systems integration, managed services, outsourcing and cloud services for infrastructure, platforms and applications; data center and field services; and server, storage, software and mobile/tablet technologies. For more information, please visit: [www.fujitsu.com/us](http://www.fujitsu.com/us) and <http://twitter.com/fujitsuamerica>.

## Fujitsu OPTIMIZATION Services

### Products

[www.fujitsu.com/global/products/](http://www.fujitsu.com/global/products/)  
In addition to the Fujitsu UBIQUITOUSWARE Location Unit (S) IOT004, (L) IOT005, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

### Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to at a center solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

### Computing Products

[www.fujitsu.com/global/products/computing/](http://www.fujitsu.com/global/products/computing/)

### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

## More information

Learn more about FUJITSU UBIQUITOUSWARE Location Unit (S) IOT004, (L) IOT005, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. [www.fujitsu.com/us](http://www.fujitsu.com/us)

## Fujitsu green policy innovation

[www.fujitsu.com/global/about/environment/](http://www.fujitsu.com/global/about/environment/)  
Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at: <http://www.fujitsu.com/global/about/environment>



## Copyright

Fujitsu and the Fujitsu logo are trademarks or registered trademarks of Fujitsu Limited in the United States and other countries. Bluetooth and the Bluetooth logo are registered trademarks of Bluetooth SIG, Inc. in the United States and other countries. All other trademarks referenced herein are the property of their respective owners.

## Disclaimer

The statements provided herein are for informational purposes only and may be amended or altered by Fujitsu America, Inc. without notice or liability. Product description data represents Fujitsu design objectives and is provided for comparative purposes; actual results may vary based on a variety of factors. Specifications are subject to change without notice.

Copyright© 2017 Fujitsu America, Inc.  
All rights reserved.  
FPC65-7596-02 05/17.  
17.0503.0801bh

## Contact

### FUJITSU AMERICA, INC.

Address: 1250 East Arques Avenue Sunnyvale, CA 94085-3470, U.S.A.  
Telephone: 800 831 3183 or 408 746 6000  
Website: [www.fujitsu.com/us](http://www.fujitsu.com/us)  
Contact Form: <http://us.fujitsu.com/contact>  
Have a question? Email us at: [AskFujitsu@us.fujitsu.com](mailto:AskFujitsu@us.fujitsu.com)