

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"> - Power ON/OFF - Notification button 1 (Configurable) - Notification button 2 (Configurable) 	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"> - Standard mode: approx. 50hrs - Beacon mode: approx. 557hrs (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"> -Standard mode: approx. 487hrs -Beacon mode: approx. 4months (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
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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

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 ϕ30) 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>

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Fujitsu OPTIMIZATION Services

Products

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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.

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Computing Products

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Software

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

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