

Data Sheet

FUJITSU IoT Solution UBIQUITOUSWARE Locator / Focusing Locator

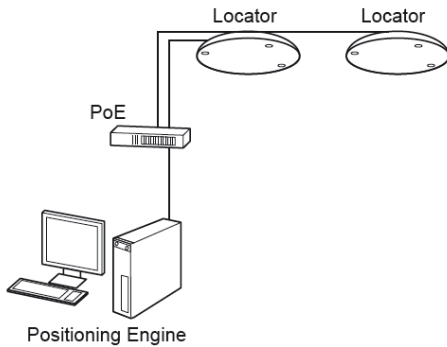
The locator is the core part of Fujitsu high accuracy indoor positioning solution. By combining it with BLE devices including the Ubiquitousware Vital band or Location badge / tag you can track and monitor in real time.

The locator is designed to fit well into any indoor environment, it is a compact and lightweight device.

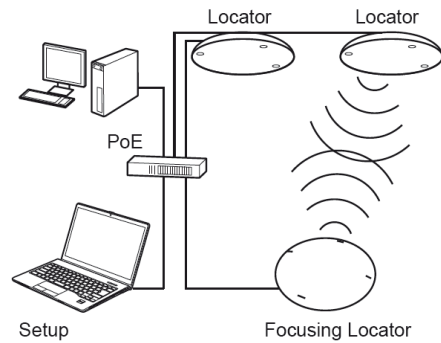
The locator comes with an easy to use mounting bracket and is powered using standard Power over Ethernet (PoE) to make deployment fast and efficient.

Benefits

- The indoor positioning solution can be used to monitor people and things in real time ensuring risk alerts and efficiencies can be delivered.
- By integrating with location badges/tags, they can be tracked indoors in real time to an accuracy of approximately > 1 ft. (30cm).
- The locators can act as a gateway for the majority of vital data, vital alerts (event) and motion alerts (event) collected by Fujitsu Ubiquitousware sensors.



Locator Architecture



A focusing locator is required to identify and focus the locators during initial system configuration.

Software License (*1)

Depending on the application of use, there are 2 options of licenses available, these support performance level options for latency and location update regularity as displayed in the table below. The solution is supported by a full telemetry system, allowing for remote configuration, automatic diagnostics, and fault recovery.

Positioning Engine Options	License A	License B
Latency	0.2 sec	1.0 sec
Location Update	10 Hz	5 Hz

*1 To discuss the license options available and specific user case definition please contact your local Fujitsu sales representative

Locator / Focusing Locator

Technical data	
Notes	The product is not for medical use and requires additional software to provide functionality
Description	RF transceiver using the 2.4 GHz frequencies
Radio transmission	Bi-directional
Number of channels	81 channels (1 MHz) but only one at the same time
Operating frequency range	24012481MHz
Modulation	GFSK
Transmission Power	2.5mW
Antenna	Integrated printed patch antenna with -6 dBi gain
Antenna connector	N/A
Operating voltage when using PoE	48V
Typical power consumption	2 W
Special features	
Indicator	Colored LED x 1 *Refer to the Instruction Manual for the details.
Compliance	
Europe	CE CB
USA/Canada	FCC/IC Class B UL/cUL
Dimensions / Weight / Environmental	
Dimension details	Approx. 7.95 in x 1.6 in.(202 mm x 40 mm) Dimensions Locator mounting bracket: Approx: 4.72 in x 0.20in (120 mm x 5 mm)
Weight	approx. 1.10 lbs. (500 g)
Operating temperature range	32°F to140°F (0°C to +60°C)
Storage temperature range	14 °F to158° (-10° to +70°C)

Order information

FPCK395AB	CP719290-01	Locator
FPCK396AP	CP719292-01	Focusing locator

Warranty

Please contact your Fujitsu sales representative for regional specific warranty terms

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Learn more about FUJITSU IoT Solution UBIQUITOUSWARE Locator / Focusing Locator, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
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