SIGMA

SMART TAG

Gateway

PART ID:

4920

AC-powered BluFi BLE to WiFi Gateway with Europe, South America and Asia-compatible AC plug (Type C). Requires Bluzone Cloud Access for Fleet Management, Condition Monitoring, or Location Services. Please check Website for US, UK, and AU compatible pl

Main Specifications

Frequencies	LF HF UHF
Material	ABS
Operating Temperature	-25°C to 65°C
IP Class	Not Specified
Compliance	RoHs & Reach, CE
Key Features	Sophisticated Authentication, Location Accuracy, Plug-and-Play, Cloud Managed
Options	UK - AC Plug, US - AC Plug, AU - AC Plug



Full Specifications

Product ID	4920
Name	SIGMA
Material	ABS
Shape	AC Powered
Short Description	AC-powered BluFi BLE to WiFi Gateway with Europe, South America and Asia-compatible AC plug (Type C). Requires Bluzone Cloud Access for Fleet Management, Condition Monitoring, or Location Services. Please check Website for US, UK, and AU compatible pl
Long Description	AC-powered BluFi BLE to WiFi Gateway with Europe, South America and Asia-compatible AC plug (Type C). Requires Bluzone Cloud Access for Fleet Management, Condition Monitoring, or Location Services. Please check Website for US, UK, and AU compatible plugs.
Key Features	Sophisticated Authentication, Location Accuracy, Plug-and-Play, Cloud Managed
Options	UK - AC Plug, US - AC Plug, AU - AC Plug
Article Type	Gateway
Color	White

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Where application information is given, it is only advisory and does not form part of the specification.

TECTUS Technology GmbH | Lustheide 85 | D-51427 Bergisch Gladbach | Phone: +49 (0) 22 04 976 88 0 | Fax: +49 (0) 22 04 976 88 10

Diameter [mm]	38
Length [mm]	50
Width [mm]	38
Thickness [mm]	38
Operating Temp °C (min)	-25
Operating Temp °C (max)	65
Storage Temp °C (min)	-25
Storage Temp °C (max)	65
IP Class	Not Specified
Compliance	RoHs & Reach, CE
AC Input	100-240 VAC, 50/60 Hz
AC Plugs	NULL
Power Consumption TX	9mA at 0dBm
Power Consumption Sleep	1.2 ?A (SRAM retention and RTC running)
Bluetooth Type	Bluetooth Low Energy 4.1
Bluetooth Sensitivity	-98dBm
Bluetooth Max Power Output	+5dBm
Bluetooth Antenna	-3dBm Single Antenna, Omni Directional
Bluetooth Data Rate	1Mbit/s / 2Mbit/s
Bluetooth Security	128 bit AES
WiFi Type	802.11 b/g/n
WiFi Security	WPA2 Personal and Enterprise Security
WiFi TX Power	20.5dBm @ 1DSSS and 11 CCK15.0dBm @ 54 OFDM
WiFi RX Sensitivity	-97.5dBm @ 1DSSS-88.5dBm @ 11 CCK
WiFi Frequency	2.4 Ghz with coexistence built-in with Bluetooth
WiFi Antenna	0dBm Single Antenna, Omni Directional
Sensors	None
NFC and RFID Integration	No
Internal Flash Memory	256KB Flash (100KB free for custom applications)
LED	Blue
Manage services	Cloud
Data output to cloud	0.1 to 1Mbit Up data

VARIANTS

ID	Variant
4920-01-000-00	BluFi Gateway AC - EU

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