SIGMA

SMART TAG

Gateway

PART ID:

4921

DC-powered BluFi with Battery incl. charger for EU (Type C) Requires Bluzone Cloud Access for Fleet Management, Condition Monitoring, or Location Services. Please check Website for US, UK, and AU compatible plugs.

Main Specifications

Frequencies	LF HF UHF
Material	ABS
Operating Temperature	-20°C to 70°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	4921
Name	SIGMA
Material	ABS
Shape	DC Powered
Long Description	DC-powered BluFi with Battery incl. charger for EU (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	Grey
Length [mm]	86.1
Width [mm]	82.2
Thickness [mm]	31.8
Weight [g]	264

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Operating Temp °C (min)	-20
Operating Temp °C (max)	70
Storage Temp °C (min)	-20
Storage Temp °C (max)	70
IP Class	Not Specified
Compliance	RoHs & Reach, CE
Battery	5V / 10.5Ah -Lithium Ion Rechargeable
Battery Life	15 Days
Power Consumption RX	200mA when TX20mA on sleep
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
4921-01-000-00	BluFi Gateway DC - EU

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