

IoT Smart Module

Sensor Network Module Evaluation Kit (Development Purposes Only)



Sensor Network Module	Unit	Specifications
Supply Voltage	[V]	2.5 to 3.3
Current Consumption	[mA]	Typ. 1 (Output Data Rate: 10Hz)
Bluetooth®	Unit	Specifications
Receiver Sensitivity	[dBm]	-93
Transmit Power	[dBm]	0
6-axis (Accel+Geomag) Sensor	Unit	Specifications
Measurement Range	[mT] [g]	Geo-Mag: -2.4 to +2.4 Acc: -2 to +2 (Up to -16 to +16 possible)
Resolution	[μ T/LSB] [mg/LSB]	Geo-Mag: 0.15 Acc: 0.24 (When you set up -2G to +2G)
Pressure Sensor	Unit	Specifications
Measurement Range	[hPa]	300 to 1100
Resolution	[hPa/LSB]	0.013
Temperature and Humidity Sensor	Unit	Specifications
Measurement Range	[%RH] [°C]	Hum.: 0 to 100 Temp.: -20 to +60
Resolution	[%RH/LSB] [°C/LSB]	Hum.: 0.016 Temp.: 0.02
UV and Ambient Light Sensor	Unit	Specifications
Measurement Range	[mW/cm ²] [Lx]	UV-A: 0 to 20.48 Ambient: 0 to 81900
Resolution	[(mW/cm ²)/LSB] [Lx/LSB]	UV-A: 0.005 Ambient: 20

Complies with the following
 Limited Modular Approval FCC ID: CWTUGMZ2AA
 TELEC Certification Number: 011-140056
 Declares CE Conformity
 SRRC: CMIIT ID 2016DP6197

ALPS ELECTRIC CO., LTD.

For more information
 please contact your local Sales representative or request information
 from Products Information Homepage at
<http://www.alps.com/e/iotsmart-network/index.html>



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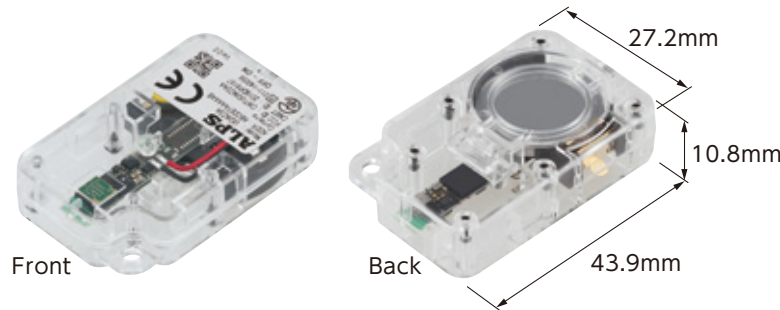
Sensor Network Module Evaluation Kit



Multi-function sensor module for acquisition and transmission of motion and environmental data

Low-power communication with **Bluetooth®**

Battery life : about 1 year when each sensor measurement setting at 1 time per 1 minute



Contain multiple sensors

Pressure

Temperature and Humidity

UV/Ambient light

6-axis (Accel+Geomag)

Built-in MCU for realizing efficient power management

Monitoring of work environments

Fitness / Healthcare

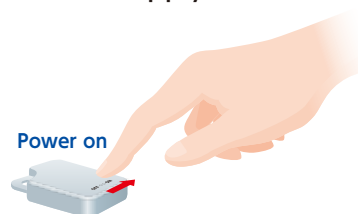
Ultra-compact module realized with high-density mounting technology

Easy to Use

① Installation



② Power supply on



③ Easy set-up



④ Display measurement data



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