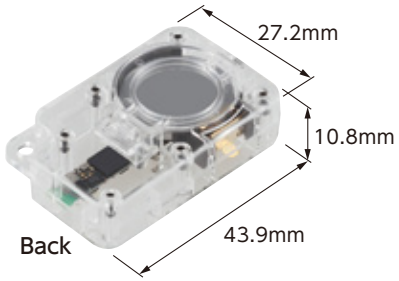
IoT Smart Module

Sensor Network Module Evaluation Kit (Development Purposes Only)

Front



Back

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	[μT/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 to1100
Resolution	[hPa/LSB]	0.013
Temperature and Humidity Sensor	**Unit**	**Specifications**
Measurement Range	[%RH] [℃]	Hum.: 0 to100 Temp.: -20 to +60
Resolution	[%RH/LSB] [℃/LSB]	Hum.: 0.016 Temp.:0.02
UV and Ambient Light Sensor	**Unit**	**Specifications**
Measurement Range	[mW/cm2] [Lx]	UV-A: 0 to 20.48 Ambient: 0 to 81900
Resolution	[(mW/cm2)/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

ALPSALPINE 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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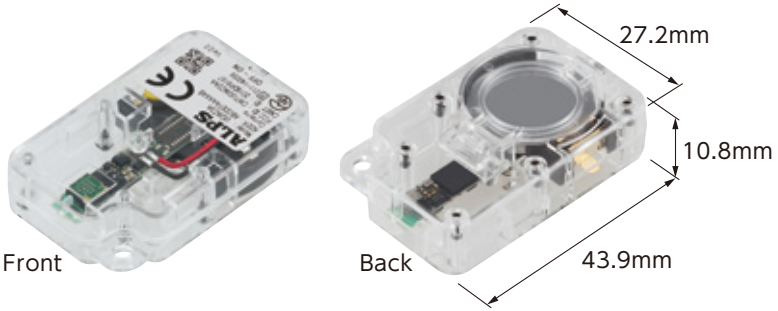
IoT Smart Module

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)

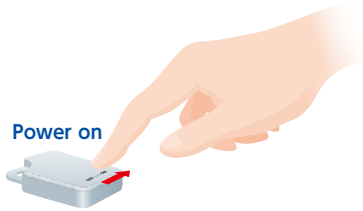
Built-in MCU for realizing efficient power management

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