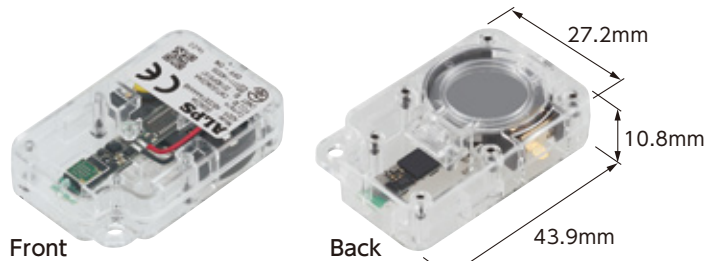


IoT Smart Module

Sensor Network Module Evaluation Kit (Development Purposes Only)

ALPS



IoT Smart Module

Sensor Network Module Evaluation Kit

| 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: CWTUGM22AA
 TELEC Certification Number: 011-140056
 Declares CE Conformity
 SRRC: CMIIT ID 2016DP6197



ALPS ELECTRIC CO., LTD.

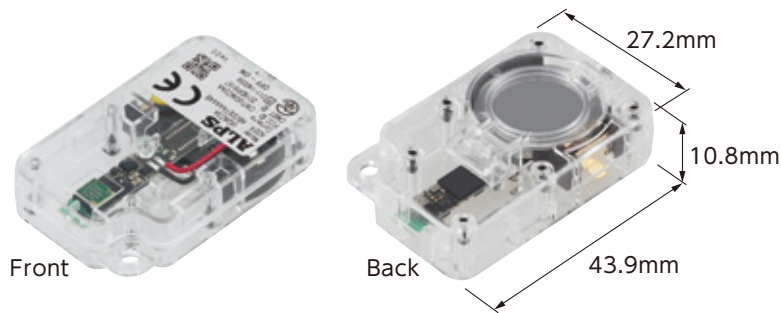
For more information
 please contact your local Sales representative or request information
 from Products Information Homepage at
<http://www.alps.com/e/iotsmart-network/index.html>



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

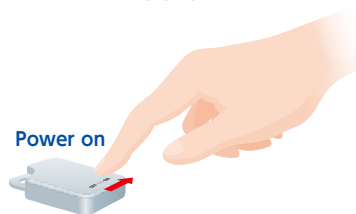
Ultra-compact module realized with high-density mounting technology

Easy to Use

① Installation



② Power supply on



③ Easy set-up



④ Display measurement data



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Bluetooth Development Tools - 802.15.1 category](#):

Click to view products by [ALPS manufacturer](#):

Other Similar products are found below :

[DA14580PRODTLKT](#) [1628](#) [SP14808ST](#) [MBH7BLZ02-EF-KIT](#) [FWM7BLZ20-EB-KIT](#) [SP14801-DUT](#) [SKY66111-21EK1](#) [SECO-RSL10-TAG-GEVB](#) [ENW89857AXKF](#) [3026](#) [MIKROE-2471](#) [MOD-NRF8001](#) [BLE-IOT-GEVB](#) [450-0184](#) [EKSHCNZXZ](#) [EVAL_PAN1026](#)
[EVAL_PAN1720](#) [EVAL_PAN1740](#) [2267](#) [2479](#) [2487](#) [2633](#) [STEVAL-IDB005V1D](#) [STEVAL-IDB001V1](#) [MIKROE-2545](#) [SIPKITSLF001](#)
[2995](#) [STEVAL-IDB007V1M](#) [2829](#) [DFR0267](#) [DFR0296](#) [DFR0492](#) [TEL0073](#) [BM-70-CDB](#) [WSM-BL241-ADA-008DK](#) [STEVAL-BTDP1](#)
[ACD52832](#) [TEL0095](#) [ISP1507-AX-TB](#) [RN-4871-PICTAIL](#) [DA14695-00HQDEVKT-P](#) [DA14695-00HQDEVKT-U](#) [EBSHJNZXZ](#)
[EKSGJNZWY](#) [EKSHJNZXZ](#) [BMD-200-EVAL-S](#) [ACN BREAKOUT BOARD](#) [ACN SKETCH](#) [2269](#) [2746](#)