

# Aplicom Oy: A9 Quick

## SENSORS AND INTERFACES

|                      |  |
|----------------------|--|
| Internal 3D G-Sensor | Yes  |
| Accelerometer        | Yes  |
| GLONASS              | Yes  |
| GPS                  | Yes  |
| RTC                  | Yes  |
| RS 232               | Yes  |
| Can                  | Yes  |
| 1-wire               | Yes  |
| Digital In           | 2x   |
| Digital Out          | 1x   |
| ADC                  | Yes  |
| Analog In            | 2x   |
| Others               | Japanese satellite system support for QZSS, RS232 via Aplicom specific cable for transferring a customized configuration to the device |

## CONNECTIVITY

|              |     |
|--------------|-----|
| 2G/GPRS/EDGE | Yes |
| 3G/UMTS      | Yes |

## PROTOCOL LAYER/Framework

|            |                                      |
|------------|--------------------------------------|
| Modbus RTU | Yes                                  |
| CAN-Bus    | Optional                             |
| Other      | CAN-Bus via software option in agent |

## ELECTRICAL CHARACTERISTICS

|                  |                               |
|------------------|-------------------------------|
| External voltage | 6.8-32 V DC (nominal +12V)    |
| Internal Battery | Yes                           |
| Battery Capacity | Internal Li-Po battery 200mAh |

## PHYSICAL DEVICE CHARACTERISTICS

|                                  |                        |
|----------------------------------|------------------------|
| Maximum Device Size              | 112 mm x 61 mm x 15 mm |
| Weight                           | 70g                    |
| Programming Interface            | JDK                    |
| Operating Temperature            | -30°C / 70°C           |
| Operating Humidity               | max. 95%               |
| Storage Temperature              | -40°C / 85°C           |
| Storage Humidity                 | max. 95%               |
| Number of SIM Slots              | 1, inside housing      |
| GSM Antenna Connector (number)   | 1                      |
| GSM Antenna Connector (standard) | SMA                    |

## CERTIFICATION

|                               |       |
|-------------------------------|-------|
| CE                            | Yes   |
| Directive for Radio Equipment | R&TTE |
| ECE-R10                       | Yes   |

## CLOUD OF THINGS SELF QUALIFICATION

|  |     |
|--|-----|
| Self-registration                        | Yes |
| Execute OTA/FOTA Update                  | Yes |
| Reboot device                            | Yes |
| Recording of Signal Strength             | Yes |
| Send measurement data, events and alarms | Yes |
| Session Resumption                       | Yes |
| Resend buffered data                     | Yes |
| Stability Test                           | Yes |
| Handling after Power Blackout            | Yes |



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## SAFETY AND SECURITY

TLS

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## CONTACT

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