

# APLICOM A9 QUICK TE

## PLUG & PLAY TELEMATICS UNIT FOR TRACKING AND TRACING

The A9 Quick allows easy installation and moving the unit from one vehicle to another. The driver only needs to plug the cable into the cigarette lighter socket to start using the unit's preconfigured, versatile tracking and tracing functionalities.



### More usage possibilities with Aplicom 3PAD

3PAD is ideal for  
- electronic driver's log and  
- monitoring driver and vehicle working status.

It is also suitable for  
- safety and security applications and  
- service applications.



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The A9 Quick TE is the ideal solution when the driver needs to install it himself to move the unit from vehicle to vehicle or install it only temporarily. The unit can be taken into use with ease by connecting it to the vehicle's cigarette lighter socket.

The inbuilt GNSS and A-GPS support allow a quick first fix and an accurate mileage calculation. As a further benefit of the dual satellite positioning system, the unit can be located more freely within the vehicle without losing the position.

The unit is able to wake up from movement and is therefore able to work as a theft protection unit. Disconnecting the unit from the power is recognized and the internal battery is able to provide position and other relevant information.

The A9 Quick TE package is based on the Aplicom A9 TRIX, GRPS/3G vehicle telematics unit and it therefore offers the same, very comprehensive functionality and configurability. The wide configurability offers endless possibilities to build a system to fulfil the customer requirements.

A 3-button keypad, the 3PAD can be used with the A9 Quick to easily report driver's driving status. It can be used, for example, as a driver log book or to report working statuses. The 3PAD's LED indicators can be used for driver feedback of the status, driving style and other useful information. The emergency mode, when applied, is activated by pressing any of the buttons over a programmed time limit, for example 5 seconds.

# Aplicom A9 Quick TE and 3PAD

## TECHNICAL DATA

### General

Communication platform	Europe:
GPRS	900/1800 MHz
UMTS	900/2100 MHz
Memory	Jamming detection 10 MB FLASH 10 MB RAM
Coprocessor	Up to 150 000 snapshots ARM7 Realtime processing Watch dog functionalities
RTC	Time, wake-up
Acceleration sensor	+/-16g, 3D ACC sensor, movement detection and wake-up

### Positioning technology

GPS/GLONASS (GNSS module data)	
Position technology	CSR SIRFstarV™ based
Frequency bands	GPS L1, GLONASS L1, QZSS L1
Acquisition sensitivity	-147dBm
Tracking sensitivity	-166dBm
Time to first fix	Hot start: 1s
With A-GPS	Warm start: <6s Cold start: <22s
Other functions	Jamming detection 2 trip distance counters
Cell ID	Network information of currently used cell is sent over D-protocol

### SIM

SIM holder inside the unit, under top cover - easy to open without tools.

### 3PAD

Dimensions	69 mm (W) x 28 mm (D) x 11 mm (H)
Weight	44 g with cable
Cable length	~10 cm
Housing / Material	PC 2805, transparent, black Installation with double sided tape
Power supply	Powered internally from Aplicom device
Power consumption	Max: 20 mA
Operating temperature	-40...+85 °C
Connections	Molex Microfit / 1-wire
Approvals	CE marking 2004/108/EC (EMC directive)
Suitable hardware	Aplicom A-series units

### Battery

Battery backup	Internal Li-Ion battery 200mAh
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### User interface

LEDs	LED indicator Led A – red/green (under application SW control)
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### Operating conditions

Full performance	-30°C...+70°C
Degraded communication	-40°C...+85°C
Internal battery charge	0°C...+45°C
Internal battery operating	-5°C...+60°C
Humidity	+95 % max

### Physical

Housing/material	PC/ABS (LG Chem V0 GN5001RFP)
Colour	Black
Dimensions	112mm(L) x 61 mm(W) x 15mm(H)
Weight	70g

### Development

Configuration tools	A-series SW configurator
Development tools	A9 NEX SDK, Java SDK (v.4.0.0 or later) for custom SW development

### Approvals

CE marking	2004/108/EC (EMC directive)
E-type	ECE 10R - 05 13739 (E-type approval) 1999/05/EC (RTTE)

Specifications subject to change without notice. February 2018. Code M1 00816.

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