PRESS RELEASE

AUGUST 2016

1000 Hz output rate, low data latency and measurements with centimetre accuracy thanks to new DELTA function:

BASt utilises GPS-aided gyro system ADMA for Euro NCAP tests/ADAS

The German Federal Highway Research Institute (BASt) has, once again, decided to use a GPS-aided gyro system ADMA from GeneSys. By choosing the latest generation of the system to successfully execute Euro NCAP tests, BASt makes full and targeted use of the new ADMA functions: a data output rate of up to 1000 Hz with an unlimited data set, data latency of less than 1 ms and several CAN bus and Ethernet interfaces, but most importantly the ability to measure distances in real-time.

"The integrated DELTA function enables us to carry out measurements with centimetre accuracy between several vehicles in real-time, even when the vehicles contain driving robots from various manufacturers, as is the case in our tests. And this is possible without additional hardware as only a WiFi connection is needed," explains Dr.-Ing. Patrick Seiniger, BASt scientific assistant from the 'Active Vehicle Safety and Driver Assistance Systems' section. "Furthermore, GeneSys provides us with technical support should we need it. Reason enough to choose the solutions from GeneSys again," Seiniger says.

The GPS-aided gyro system ADMA permits a high-precision dynamic measurement of all states of motion of the vehicle. The Automotive Dynamic Motion Analyser (ADMA) is therefore seen as a reference system within the industry. It meets all the requirements of international testing standards and, as a result, is used by renowned automotive manufacturers worldwide for vehicle dynamics testing and ADAS tests.

GeneSys
Sensor & Navigation Solutions

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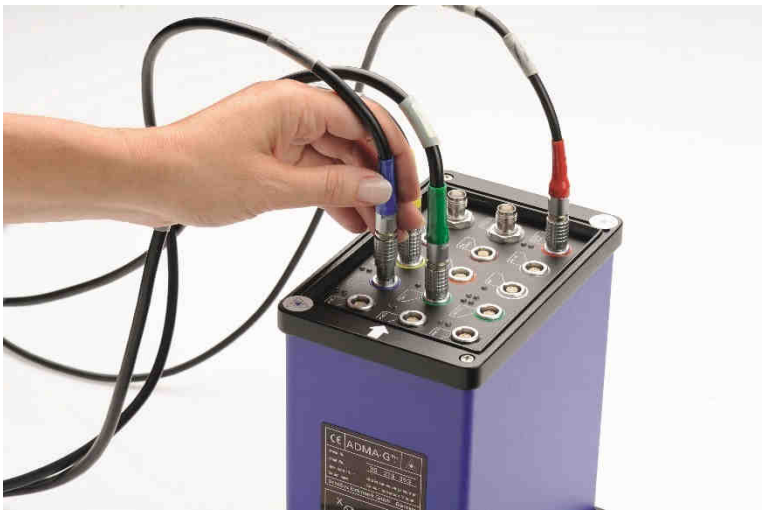

New generation GPS/gyro platform ADMA with an output rate of 1000 Hz

Centimetre accuracy when measuring the distance or relative angle between several vehicles, e.g. AEB tests

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PRESS RELEASE

AUGUST 2016

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Praxis Conference AEB, Dresden / Klettwitz
Automotive Testing Expo CHINA
Automotive Testing Expo North America
VDI/VW Advanced Driver Assistance Systems and Automated Driving, Wolfsburg

GeneSys Elektronik GmbH

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For reprints, kindly submit sample documents to:

GeneSys Elektronik GmbH
Dr. Bertold Huber
In der Spöck 10
77656 Offenburg - Germany
Phone: 00 49 (0)781 969279 34
Fax: 00 49 (0)781 969279 11
Email: huber@genesys-offenburg.de
Web : www.genesys-offenburg.de