



I N P H Y S I C S W E T R U S T

4activeFB-large



The best global solution fulfilling all Euro NCAP C2C specifications

- ✓ certified to Euro NCAP, UNECE and ISO standards
- ✓ safety during high-speed travel and crossing with a thin, triangular design
- ✓ no GPS loss during battery replacement (hot swap) and quickly ready for operation

Fully synchronized operation with all relevant driving robots

- ✓ real time position data from/to robot - import/export drive files
- ✓ compensates path errors of the VUT with or without driving robot
- ✓ full synchro mode - synchronization of 5 independent platforms



Allows testing under rough conditions

- ✓ overrunable by heavy vehicles - trucks (40 tons)
- ✓ easy and efficient testing under worst conditions - IP67 waterproof
- ✓ precise performance at highest speeds



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Performance

speed levels	50/80/100 km/h
acceleration longitudinal	+ 3 m/s ² - 6 m/s ² ★
acceleration lateral	± 3 m/s ²
turning radius	7 m
ground clearance	0-15 mm
maximum payload	150 kg
battery charging time	~ 1 h ★★
battery operating time	4a GVT > 4h (@50 km/h) ★★★
positioning system	dual antenna dGNSS-IMU
dGNSS-RTK	L1/L2 GPS/GLONASS/BEIDOU/GALILEO
protection class	IP67
operation temperature range	-10° to 40° C (-20° to 55° C) ★★★★★

★depends on speed ★★at 20°C ★★★depending on acceleration ★★★★★additional test equipment available

Dimensions

length	2400 mm
width	1400 mm
weight	155 kg

Key features

- ✓ fast and easy battery swap system
- ✓ stealth technology - very low radar cross section
- ✓ Euro NCAP scenarios: AEB-CCRs/CCRm/CCrb, CCFtap, ELK, LSS

