



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

4activeC2

Conform to the Euro NCAP target 2020 specification

- ✓ easy and fast reassembly within 2 minutes by 2 people
- ✓ compatible with 4activeFB-large and other robotic platforms
- ✓ complies with ISO 19206-3 WD, Euro NCAP, ...

Allows testing under rough conditions

- ✓ extreme lightweight and soft structure to prevent damage on VUT
- ✓ robust and modular system – easy and fast change of spare parts
- ✓ realistic response for Radar-, Lidar, Camera and IR-Systems

Available options

- ✓ different car categories, different optical appearance and colours
- ✓ active lighting features (brake, blinking, ...)
- ✓ synchronized movement features



4activeC2

Performance

mono/stereo camera system, Lidar sensors	✓
360° - Radar characteristic	✓
micro-Doppler spread	✓
near infrared / far infrared★	✓
ultra-sonic	✓
crash speed lateral / longitudinal	up to 60 km/h / up to 72 km/h★★
operation speed	up to 80 km/h

★optional ★★at ELK oncoming with 10% overlap

Dimensions

overall length	4060 mm
overall height	1430 mm
overall width	1800 mm
tire diameter	600 mm
wheelbase	2560 mm
weight	< 60 kg

Euro NCAP scenarios

AEB-CCRs / -CCRM / -CCRB	✓
CCFtap, ELK, LSS	✓

Key features

- ✓ easy and fast reassembly in 2 min by 2 people
- ✓ extreme lightweight and soft structure
- ✓ robust and modular system
- ✓ different options available