



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

## 4activePA



### 4activePA - The official Euro NCAP pedestrian target (EPTa, EPTc)

- ✓ 50% adult male, 7-year-old child
- ✓ replicates human properties in size, shape and articulation
- ✓ complies with ISO 19206-2, Euro NCAP, CNCAP, JNCAP, ...

### Allows testing under rough conditions

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

### Available options

- ✓ different optical appearance and colours
- ✓ heated pedestrian target – 4activeHT
- ✓ additional synchronized articulation (arms, head, ...)



# 4activePA

## Performance

mono/stereo camera system, Lidar sensors	✓
360° - Radar characteristic	✓
micro-Doppler spread	✓
near infrared / far infrared*	✓
ultra-sonic	✓
crash speed	up to 60 km/h
operation speed	up to 10 km/h

## Dimensions adult

body height	1800 mm
shoulder width	500 mm
torso angle	85 °
weight	< 7 kg

## Dimensions child

body height	1154 mm
shoulder width	298 mm
torso angle	78 °
weight	< 4 kg

## Key features

- ✓ compatible with 4activeSB, 4activeFB-small, 4activeFB-eco
- ✓ easy transportation and storage
- ✓ easy and fast spareparts replacement

