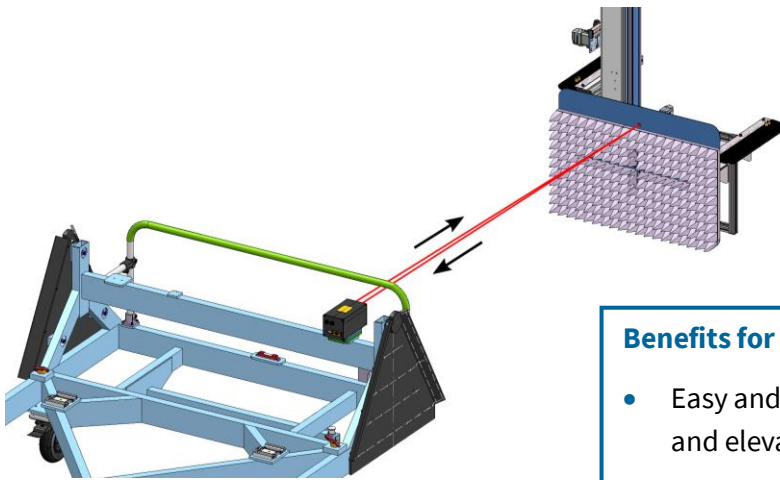


Description

The VisiHAzEL (**H**eight, **A**zimuth, **E**levation) is an extension for the master gauge with which the correct alignment of calibration components for DAS systems (e. g. ACC and NightVision target, front-corner radar) can be checked in a fast and precise way. A laser shines on the target to be tested and is reflected from there with a mirror. If the target is aligned correctly, the laser is captured by a photodiode at the VisiHAzEL and an LED lights up. The evaluation can be done either manually or automatically via an interface to the system computer/PLC.



VisiHAzEL



Functional principle

Benefits for our customers

- Easy and precise calibration of height, azimuth and elevation with only one device
- Applicable for various measurement targets
- Flexible connection (ProfiBus, ProfiNet, Ethernet, ...) including automatic evaluation
- Easy integration in the master gauge

Technical Data

	Features, functions etc.
Protection class (according to 60529)	IP20
Supply voltage	24 V
Laser	650 nm, < 1mW, class 2 (according DIN EN 60825-1)
Accuracy (at aperture 5 mm and 1 m distance)	±0,15°
Connection/Interfaces	Supply connector (5-pin plug), Anybus (ProfiBus, ProfiNet, Ethernet, ...)
Dimensions (W x H x D)	105 mm x 105 mm x 235 mm
Weight	approx. 1,6 kg
Ambient temperature	5°C-40°C
Humidity	90 %, not condensing

Components



Master gauge: Mounting of the VisiHAzEl to check the positioning of various components (example for wheel aligner)



Centralizer: For correct and reproducible positioning of the master gauge and the vehicle.