

 TRENTINO

## ADAPTER FOR DIRECT IMAGE DATA INJECTION



### FLEXIBLE

- Connection at the hardware level
- Independent of ECU software versions or drivers

### SIMPLE

- Fast integration in existing test environment
- No adjustment effort
- Space-saving HiL setup or compact desk usage

### MODULAR

- Up to 15 camera channels in one housing
- Per camera channel up to 16 bit colour depth per pixel

### APPLICATION AREA

TRENTINO enables the image injection on an electrical level and allows an extended verification of image processing control devices, e.g. driver assistance functions.

Optically demanding test scenarios such as glare during light changes, fast movements or special weather conditions can be reliably tested. TRENTINO simplifies the test effort significantly.

### FEATURES

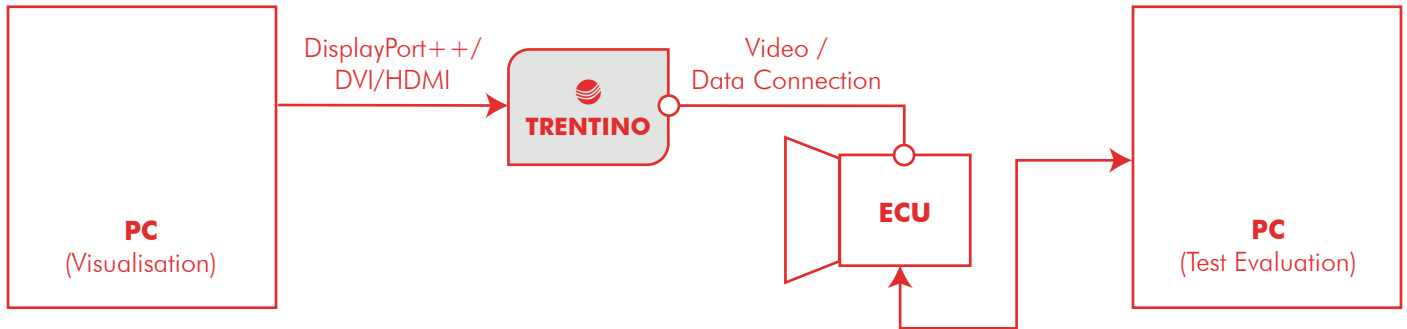
- Expansion of testing capabilities in terms of system performance and detection behaviour by the loss-free injection of images for the image sensor
- Integration of the camera image processing algorithms into the hardware test or HiL test
- Injection of rare or dangerous situations as video sequence
- Image manipulations or image distortions can be integrated in real time using TRENTINO

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## INITIAL OPERATION

- One-time system modification for the camera architecture
- Connection via PC graphic card with DisplayPort++ / HDMI / DVI

## CONNECTION SCHEMA OF TRENTINO



## TECHNICAL DATA

Description (5-channel version)	Detail
Power supply	12 volt power supply
Max. 5 interfaces to cameras	Individual adjustment
Max. 5 interfaces to test computer	DisplayPort++ / HDMI / DVI
Possible colour depth per pixel	8 Bit / 12 Bit / 16 Bit
Dimensions (L x W x H)	ca. 255 x 230 x 40 mm

Further information: [www.assystem-germany.com/en/products/trentino](http://www.assystem-germany.com/en/products/trentino)



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Assystem Germany is a leading partner for engineering and product development in the fields of automotive, aerospace, transportation as well as industry.

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