

ELIV, Bonn

Welcome to ELIV in Bonn, Germany from October 18-19, 2017. The international VDI Congress ELIV (ELectronics In Vehicles) is THE event for all experts in the field of electrical and electronical car engineering and integration of mechanical and electronical systems.

We have the pleasure of welcoming you to Optics Balzers booth #59 to discover the unique solutions and the wide variety of applications that optical components allow.

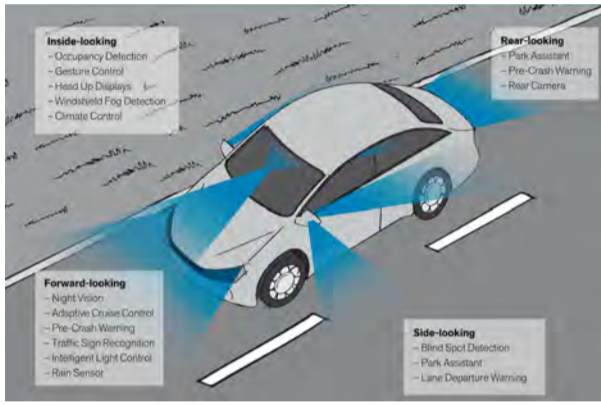
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ELIV 2017

18-19 October 2017

Bonn
World conference Center Bonn



Automotive Solutions

Our optical components are designed to improve the safety and the comfort of driving by guiding, reflecting, selecting and altering light

As requirements for road safety and vehicle comfort increase, the demand rises for driver assistance systems based on intelligent high-tech sensor and camera technology. With precision...

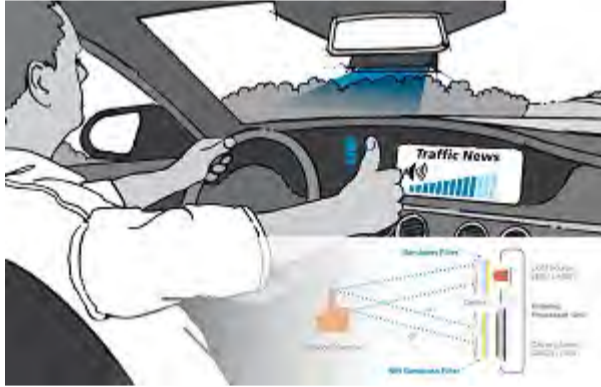
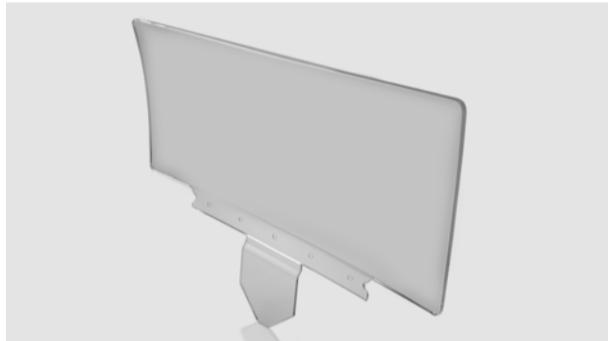
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Hardcoating on Plastics

Plastic substrates often need hardcoating in order to improve the surface hardness and to enable additional thin-film coatings on top.

Optics Balzers offers different types of hardcoating solutions depending on the application and the substrate type (e.g. PMMA, PC, COC). The hardcoating solutions developed by Optics Balzers are optimized for dielectric and metallic top coating ...

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Gesture Recognition and Control – Automotive Applications

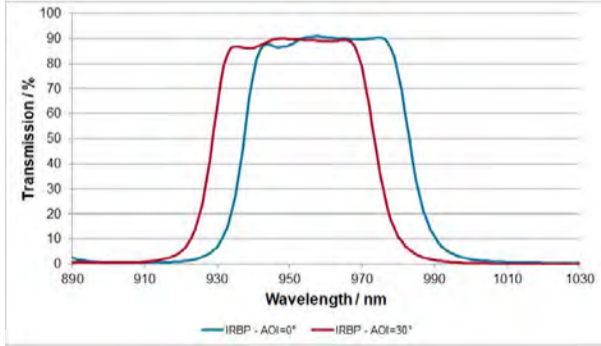
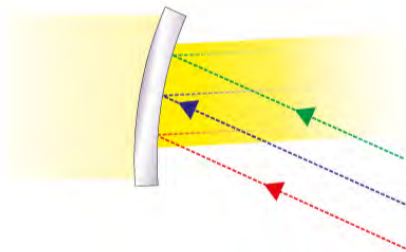
Gesture recognition and time of flight (ToF) systems like 3D imaging applications require maximum transmission in the range of the illumination wavelength (Laser or LED source) for a wide field of view. Adjacent to the pass range, an extraordinary deep blocking is required eliminating the ambient light to achieve a better contrast. Filters sizes and spectral requirements can be customized and combined with...

> [Datasheet](#)

Combiner

A beamsplitter, applied on the front side of the combiner, reflects the image generated by the PGU. The driver can easily read car-relevant information on the combiner while being able to see through the combiner at the same time. The reflectance to transmission ratio can be adjusted to the customers need...

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Project in work – new generation of TOF IRBP filters

Our R&D department has developed a new type of TOF filters with reduced angle shift to improve signal-to-noise ratio for final application. We have produced samples with less than 10nm angle shift between AOI = 0° and 30° (measured at T=50%) and are open to work with customers on application specific samplings. More information will follow in one of the next newsletters ...

Our next Events...

Wearable Device & Technology Expo, Tokyo

WEARABLE EXPO is the world's largest exhibition for all about wearables and it keeps growing every year. From wearable devices to IoT, AR/VR technology, the latest materials & components, all about wearables gather from around the world.



Visit our booth at the Wearable Expo in Tokyo from January 17 – 19, 2018.

> [More Information](#)

BiOS / Photonics West, San Francisco

We have the pleasure of welcoming you to Optics Balzers AG at BiOS / Photonics West trade fair from January 27 – 31, 2018 in San Francisco, California. Come to our booth to discover the unique solutions and the wide variety of applications that optical components allow.



> [More Information](#)