



## Sample applications

Checking power lines. Heat is generated on defective isolators as a result of electricity – aircraft equipped with thermal cameras make it possible to identify such isolators without endangering the welfare of people. Furthermore, users can ideally configure the viewing direction and distance through the video glasses to prevent any distraction through ambient lighting.

The cinemizer<sup>OLED</sup> and First Person View let you take to the sky. Enjoy breathtaking images from the air – while keeping your feet on solid ground.

Furthermore, FPV systems effectively support the surveillance of major events – be it a concert, sporting event or demonstration.

Another possible use of the cinemizer<sup>OLED</sup> with FPV is to document accident damage from the air. The best part, you don't have to be anywhere near the accident site. By using the cinemizer<sup>OLED</sup> with FPV, you will not be distracted through events in your direct vicinity. You can fully concentrate on the image and your work, and thus recognize every tiny detail. At the same time, the video glasses allow you to find the optimal position for photo and video recordings – regardless of the time of day or lighting. On a traditional monitor, your view would be considerably impaired, e.g. through sunshine.

**Carl Zeiss**  
Carl-Zeiss-Strasse 22  
73447 Oberkochen  
Germany

[www.zeiss.com/cinemizer](http://www.zeiss.com/cinemizer)



[facebook.com/cinemizer](https://facebook.com/cinemizer)

EN\_12\_010\_5001 Printed in Germany  
Subject to change in design and scope of delivery and as a result of ongoing technical development.

# FPV with the cinemizer<sup>OLED</sup>



We make it visible.

## Take off – with your own eyes



First Person View (FPV) flying – the latest trend in the world of model aircraft. FPV allows the user to enjoy the view from the cockpit via video glasses. The pilot can stand on solid ground – and still have everything under control in the air.

The cinemizer<sup>OLED</sup>, the latest video glasses from Carl Zeiss, opens up entirely new possibilities for FPV flights that far exceed a simple new perspective for hobby users. For fire and police rescue squads, insurance appraisers, real estate specialists, and even professional cameramen for various TV formats – FPV transforms the cinemizer<sup>OLED</sup> into a watchful aerial monitor in any situation.

Fully focus on your flight and enjoy the impressive benefits of cinemizer<sup>OLED</sup> and First Person View.



## How it works

A few basic tools are all you need before lifting off: everything is controlled via the perfect interaction between **video transmitter/receiver**, the cinemizer<sup>OLED</sup> and a precision **camera**. The result is a bird's eye live image displayed directly in the video glasses.

The onboard camera can be controlled via the **head-tracking function**. Key information such as altitude can be integrated directly into the image on the video glasses and superimposed on the current image in real time through the use of the **OSD**. The aircraft is remote controlled manually.

## Where FPV is a true benefit

### ... at work

Maintain an overview in stressful situations – not a problem with First Person View. FPV provides outstanding control options in a professional environment. Information about inaccessible locations can be quickly and precisely gathered and subsequently analyzed from a safe environment – thus allowing you to make fast decisions. The cinemizer<sup>OLED</sup> enables, for example, police and fire rescue crews, organizers of concerts and sporting events, and insurance companies to benefit from the advantages of an FPV perspective.

Search-and-rescue missions, accident investigations, hazard detection and technical control – with the cinemizer<sup>OLED</sup>, FPV can be anything from a watchful eye to a lifesaver.

### Everything safely in sight

Get an overview of unclear, inaccessible and dangerous areas, e.g. a fire, from a safe distance.

### Flexibility is the key

With model aircraft, you can do what other flying objects are incapable of: flying virtually to a danger zone or through a building to quickly obtain an overview of the situation without endangering yourself or others.

### Time isn't always money

For investigations with model aircraft, you can stay in the air as long as necessary and even change pilots regularly. You also save a considerable amount of money compared to a real helicopter.

### ... at play

Have you always wanted to know what it feels like to fly, to have fun at air shows or to enjoy the view from the top of the Empire State Building despite your fear of heights? What's holding you back? The cinemizer<sup>OLED</sup> and First Person View let you take to the sky. Enjoy breathtaking photos from the air – while keeping your feet on solid ground.