

# Everything in View

## Stabilised miniature platform



- 360° at a glance
- Ideal for near-field observation
- Compact and light weight
- Flexible positioning on the vehicle
- Mobile
- Gyroscope-stabilized
- Variable sensor configuration:  
day/night view,  
laser rangefinder measurement



We make it visible.

## Stabilised miniature platform

On patrol, at a checkpoint, in crisis areas or on the water, whatever the mission you must maintain an overview of the situation and ensure safety. This is all made possible by the powerful stabilised miniature platform from Carl Zeiss Optronics.

With its ability to accommodate several sensors, this small, lightweight and flexible platform is an economical addition to other, more powerful sight systems. It is equally effective for operations on land or at sea. It can be deployed on battle tanks and armoured personnel carriers such as the Leopard 2 and Puma, on wheel-driven vehicles such as scout cars and trucks, and on ships, Coast Guard vessels and customs boats.

Its small size and simple interfaces allow this swivelling system to be mounted practically anywhere. The miniature platform fulfils all military requirements despite its very small sensors and dimensions. Its low weight also makes it ideal for mobile operations on robots.

Its range of functions is as varied as its range of applications. Equipped with an uncooled thermal imager and/or a CCD camera, this system ensures that you have a clear view at all times. A laser rangefinder can also be integrated. An automatic warning is sent to the operator when motion is detected.

Thanks to its two-axis stabilization, an acquired target remains in the visual field even when a vehicle is travelling at high speeds, considerably simplifying the identification of nearby objects. When used on armoured vehicles, for example, this platform enables the crew to observe the surrounding environment, detect targets and designate them to other systems such as weapons and/or periscopes.

## Technical Data

### Adjustment range

Azimuth	n x 360°
Elevation	-30° – +80°
Minimum positioning speed	0.3 mrad/sek.
Maximum positioning speed	1.8 rad/sek.
Stabilisation error	<300 µrad

### Dimensions

Height	250 mm
Diameter	180 mm
Power supply	28 V

### Uncooled thermal imager

Spectral range	7–14 µm
Pixel count (hor. x ver.)	320 x 240, 384 x 288, 640 x 480

### CCD camera CCIR

Visual field	In accordance with customer requirements
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### Laser rangefinder

Optional

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