**AI and multifocal sensor technology**

**Intelligent video technology from Dallmeier at SicherheitsExpo 2025**

**Regensburg (Germany), 27 May 2025 – Dallmeier will present its latest video surveillance solutions at this year’s SicherheitsExpo in Munich, Germany, taking place from 26 to 27 June 2025. The focus will be on Panomera® technology for covering large areas, modular Domera® dome cameras, and innovative system solutions for perimeter protection.**

The trade fair showcases the latest topics, developments and trends in security technology, with this year’s focus on the protection of critical infrastructures. Visitors to the Dallmeier stand in Hall 1 (A12) can see the advantages of “Made in Germany” cameras for themselves.

**Domera® camera system: Flexible. Modular. AI-based.**

The [Domera® series](https://www.dallmeier.com/products/domera-dome-cameras) is ideal for monitoring indoor and outdoor areas around buildings. The PTRZ cameras are characterised by their exceptional ease of installation and configuration, innovative lighting systems, and integrated video analysis functions. Thanks to pre-installed neural networks and integrated Edge Analytics apps, the IP cameras can be used for a wide range of intelligent video analytics applications, such as loitering or people counting.

**High-resolution overview with Panomera®**

The comprehensive, reliable monitoring of large areas poses a particular challenge for operators of critical infrastructures. [Panomera®](https://www.dallmeier.com/products/panomera-cameras) was developed for precisely these scenarios: Its patented multifocal sensor technology enables large areas to be fully covered with just a few systems. Up to eight lenses and sensors provide an optimal overall view with consistently high resolution, even in distant areas of the image. The ability to open any number of detailed views alongside a general overview allows security officers to analyse suspicious events in a targeted manner and quickly resolve incidents.

**Efficient and reliable perimeter protection through perimeter AI**

Dallmeier presents the [Panomera® Perimeter](https://www.dallmeier.com/panomera-perimeter), which is specially designed for perimeter protection. The system uses multifocal sensor technology and advanced AI Tamper Detection alongside a specially trained perimeter AI to enable the early detection of intruders and tampering attempts. This combination enables the reliable detection of unusual movement patterns and camouflaged individuals, as well as attacks on camera systems, such as obstruction by smoke or blinding with laser pointers, flashlights, or strobe lights.

“The Panomera® Perimeter delivers consistently high image resolution over 200 metres, even at dusk or in backlighting conditions. Together with the analysis options, this provides decisive advantages for reliable perimeter security,” explains Christian Linthaler, CSO at Dallmeier.

**+++ CAPTIONS +++**

**Panomera\_SicherheitsExpo2025**

Dallmeier presents its latest innovations at the SicherheitsExpo 2025 in Munich.

*Photo credits: Dallmeier electronic*

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# Dallmeier: Turn images into assets.

**With pioneering video technology from Germany.**

In 1984, Dieter Dallmeier founded what is now Dallmeier electronic – not in the proverbial garage, but in a garden shed in Regensburg, Germany. Today, the company, which can justifiably call itself a hidden champion for video information technology “Made in Germany”, has several hundred employees worldwide, more than 250 of them at the company headquarters in the centre of Regensburg alone.

**Our customers: From commercial enterprises to World Cup stadiums**

Dallmeier’s camera, recording, software, and analysis solutions optimise security and processes for B2B end customers in a wide range of industries in over 60 countries. The focus is on users from the casino, smart city, airports, logistics, stadiums, and industrial sectors. But also, banks, critical infrastructure facilities as well as medium-sized companies from all sectors.

**Low total cost of ownership “Made in Germany”**

With pioneering innovations, Dallmeier has succeeded time and again in placing itself at the forefront of technology: From the world’s first digital image storage system with motion analysis in 1992, the patented “multifocal sensor technology” Panomera® with its “Mountera®” mounting system, to the latest Domera® camera family, which allows up to 300 camera variants with only 18 components. These and many other innovations provide real, tangible customer benefits. And with a low Total Cost of Ownership (TCO) and a high Return on Investment (ROI) they can easily compete with systems produced and supplied from low-wage countries.

**Cybersecurity, data protection and ethical responsibility through maximum vertical integration**

With 100% “Made in Germany”, we also guarantee our customers the highest standards in data protection, cybersecurity, and ethical responsibility. With high quality and short supply chains, we also ensure – almost incidentally – sustainability and environmental protection. From our prestigious headquarters in the centre of Regensburg, Dallmeier not only carries out its own research and development but also the complete manufacturing process – from component to product to solution.

[www.dallmeier.com](http://www.dallmeier.com)

[www.panomera.com](http://www.panomera.com)