**New generation of intelligent video surveillance**

**Panomera® V8: 180° view for smart analytics on large areas**

**Regensburg (Germany), 12 November 2025 –** **With the new Panomera® V8, Dallmeier presents a revolutionary camera that combines state-of-the-art multifocal sensor technology and artificial intelligence in one system – for a seamless 180° view without blind spots and the most precise analytics, even over large areas.**

**Security redefined: 180° without compromise**

With eight lenses, eight sensors, and eight AI chips, the [Panomera® V8](https://www.dallmeier.com/panomera-v8) achieves a 180-degree field of view and enables coverage of a very large area with just one camera. Through a complex process, the eight systems are integrated into one comprehensive overview image, and the neural networks are logically linked. This significantly increases the efficiency, precision, and reliability of both human operators and AI assistance systems. This allows a wide variety of areas, from marketplaces to logistics areas to airport aprons, to be captured and evaluated.

**Infinite Insights – The perfect platform for business intelligence applications**

A unique benefit of [Panomera® V8](https://www.dallmeier.com/panomera-v8) is its seamless 180° field of view with no blind spots and the ability to logically link the neural networks of the eight integrated AI chips. This eliminates the biggest weakness of many video analysis systems: incomplete, patchy, or duplicate image data.

This special characteristic provides the ideal basis for comprehensive analytics options using both Dallmeier’s own AI analytics apps and solutions from technology partners. Complete capture of a scene allows for in-depth evaluations – whether for incident analytics, movement pattern analytics, or tracking complex processes. This makes Panomera® V8 ideal for a wide range of security and business intelligence applications.

**AI for real added value**

The combination of continuous images, high detail depth, and close integration of intelligent analytics functions opens up a wide range of possibilities for users. For instance, people and objects can be located in seconds based on external characteristics, such as clothing or bags. Flows of people or vehicles can be accurately recorded, and large areas can be reliably secured against unauthorized intrusion – all with significantly fewer false alarms. The in-depth analytics options not only offer added security, but also help optimize operational processes in the long term, whether for controlling queues, effective crowd management, or improving parking lot management.

**AI Made in Germany**

Like all Dallmeier products, the Panomera® V8 is “Made in Germany” and meets the highest standards of quality, reliability, and cybersecurity.

The same applies to artificial intelligence: Dallmeier relies on self-trained trained networks and retains full control over the training data. This approach increases precision and reliability and creates a clear basis for trust in technology.

**More than surveillance: From security to efficiency**

Whether in smart cities, airports, stadiums, logistics centers, or retail stores, Panomera® V8 enables operators to combine security and cost-effectiveness. Precise analyses allow for improved processes, targeted use of resources, and reduced costs.

“With Panomera® V8, the camera becomes an important source of data,” explains Christian Linthaler, Chief Sales Officer at Dallmeier. “Our customers benefit not only from maximum security, but also from valuable insights into their processes – a double added value that goes far beyond classic CCTV.”

**Cost efficiency through less infrastructure**

As with all [Panomera® models](https://www.dallmeier.com/products/panomera-cameras), the V8 series offers a significant economic advantage: it covers large areas, so fewer cameras, masts, and cables are needed than with conventional systems. This reduces the total cost of ownership (TCO) and increases ease of use.

**Industries and applications**

* Smart cities – urban security & traffic flow analytics
* Airports – passenger management, perimeter protection & parking optimization
* Stadiums & events – real-time crowd management & security
* Logistics centers & ports – area monitoring & process optimization
* Industry & critical infrastructure – protection of sensitive areas & occupational safety

**+++ CAPTION +++**

**Panomera-V8**

Infinite Insights: Thanks to its high-resolution 180° view with no blind spots, the Panomera® V8 provides the ideal basis for comprehensive analytics options.

*Photo credit: 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 center of Regensburg alone.

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

Dallmeier's camera, recording, software, and analysis solutions optimize 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 “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 center 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)

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