**Reliable, secure, efficient**

**Dallmeier presents new Domera® dome cameras with edge analytics and enhanced security features**

**Regensburg (Germany), 26 November 2025 – With the new RDF6100DN dome cameras, Dallmeier is expanding its successful Domera® product family. The new model series is characterized in particular by its edge analytics capability, enhanced security features and an attractive price-performance ratio.**

**Ideal entry-level model with adaptive IR illumination**

The [cameras of the RDF6100DN series](https://www.dallmeier.com/products/domera-dome-cameras/dome-cameras) were specially developed for applications requiring a balance of functionality and cost-effectiveness. As a high-performance entry-level solution within the [Domera® product family](https://www.dallmeier.com/products/domera-dome-cameras/dome-cameras), the cameras offer high resolution and light sensitivity. In combination with modern encoder technology and sophisticated image processing, the cameras produce brilliant real-time images with high color fidelity and excellent contrast. Adaptive IR illumination ensures optimal scene illumination, even in darkness, without creating annoying reflections. Additional features include WDR support, switchable day/night presets, and EdgeStorage or EdgeRecording.

**PTRZ function enables remote adjustment**

Thanks to the PTRZ function, known at Dallmeier as RPoD (Remote Positioning Dome), the camera's alignment, as well as its zoom, focus, and aperture, can be conveniently configured via the network without any mechanical intervention on site. This not only reduces the effort required for initial installation but also simplifies later adjustments when requirements change. Remotely adjusting settings reduces personnel and operating costs, shortens project durations, and frees specialists from time-consuming routine tasks, further contributing to the solution’s overall cost-effectiveness.

**Intelligent analytics for greater overview and efficiency**

The RDF6100 cameras feature AI analytics based on a neural network for object classification. They analyze the scene in real time, reliably detecting relevant objects, such as people or vehicles, independently of background movements (e.g., green spaces or water areas) or complex scenes. Typical applications include intrusion detection, counting, parking management, and loitering monitoring. These intelligent functions help security teams respond more quickly, evaluate events more effectively, and streamline processes.

**AI Made in Germany: transparency, quality, and control**

Dallmeier takes a unique approach to the development of its AI technologies: The neural networks are trained on the company’s own test site under real-world conditions. This ensures that both the training data and the networks themselves remain under continuous control.

This approach guarantees that the AI features of the cameras operate reliably, transparently, and with practical relevance—laying the foundation for trustworthy technologies Made in Germany.

**Advanced IT security features: Secure Boot and FIPS compliance**

With the RDF6100 series, Dallmeier reinforces its strong commitment to IT and cybersecurity. The cameras offer advanced security features, including support for Secure Boot: Only the signed Domera® OS operating system can be started, effectively preventing manipulation by rootkits or malware. In addition, the cameras are equipped with a Trusted Platform Module (TPM 2.0), meeting the requirements for FIPS 140 compliance. FIPS 140 is a standard issued by the National Institute of Standards and Technology (NIST) and is mandatory for U.S. government agencies. However, the strict requirements are increasingly gaining international relevance, especially for tenders involving sensitive areas such as government agencies, energy supply, and critical infrastructure. For customers, this translates into significantly enhanced data security and long-term investment protection.

**High performance at an attractive price**

Dallmeier’s new RDF6100DN dome cameras are a powerful solution for professional applications where cost-efficiency, image quality, AI-supported analytics, and maximum IT security are equally essential.

**+++ CAPTION +++**

**Domera-RDF6100DN**

The new Domera® model series stands out for its enhanced security features and attractive price-performance ratio.

*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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