### Direct counting of people and vehicles in large crowds

**The new AI High Resolution Counting App from Dallmeier**

**Regensburg, 29. January 2025 (Germany) – The new Dallmeier AI High Resolution Counting App enables precise counting even with a large number of people and vehicles in the analysis area. The app allows the definition of multiple counting zones, the setting of the counting interval and the definition of limit values that trigger a message to the client software if they are exceeded or undershot.**

Typical applications for the Dallmeier AI High Resolution Counting App are counting people in airport waiting areas or vehicles in large car parks. Depending on the camera model, between 500 and 4000 objects can be reliably recorded and classified.

**Optimised for large numbers of objects**

The neural network analyses the entire image in an adjustable interval of between 5 and 60 seconds. When developing the AI High Resolution Counting neural network, Dallmeier’s experts placed particular emphasis on the object classification of large numbers of objects such as people and vehicles.

**Multiple counting zones and fill level visualisation**

The AI High Resolution Counting application and associated neural network are compatible with all [Domera®](https://www.dallmeier.com/products/domera-cameras) SDF6000 and RDF6000 series cameras, as well as all [Panomera®](https://www.dallmeier.com/products/panomera-cameras) models. For small to medium-sized installations, the [SeMSy® Compact](https://www.dallmeier.com/products/software/semsy-compact) video management system offers effective analysis of counting results and recordings. Larger [Hemisphere® SeMSy®](https://www.dallmeier.com/products/software/hemisphere) systems support the reception and processing of messages defined on the camera with the Enterprise Event Processing Module. The People Counting Module allows the creation of multiple counting zones, whose fill levels can be displayed in the colour-coded map view and equipped with individual limit values.

**More information:**

* [Data sheet “AI High Resolution Counting App”](https://www.dallmeier.com/en?type=1617455215&tx_websiteextensionfilelist_cloud%5bcontroller%5d=Cloud&tx_websiteextensionfilelist_cloud%5baction%5d=show&tx_websiteextensionfilelist_cloud%5bpath%5d=/Download_Centre_2.0/Product_Documents/06_Analytics_Software/AI_High_Resolution_Counting_App/01_Specification/ds_AI_High_Resolution_Counting_App_en.pdf)
* [Domera® cameras](https://www.dallmeier.com/products/domera-cameras)
* [Panomera® cameras](https://www.dallmeier.com/products/panomera-cameras)
* [SeMSy® Compact & Hemisphere®](https://www.dallmeier.com/products/software)

**+++ CAPTIONS +++**

**Dallmeier\_High\_Resolution\_Counting\_App**

With Dallmeier’s High Resolution Counting App up to 4000 people can be reliably counted.

*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 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)

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