

Dallmeier selects Theia's megapixel lenses for use on their new 5 megapixel dome camera

Wilsonville, OR – May 10, 2011

Dallmeier has selected Theia's two new 5 megapixel lenses for use on the new 5 megapixel version of their popular DDF4900HDV dome camera that will be released at IFSEC security exhibition in Birmingham, UK May 16 – 19, 2011. In addition, the two lenses are now offered as optional accessories for use on all of their box camera lines.

With the introduction of the Dallmeier's 5 megapixel version of its DDF4900 HD dome camera, Dallmeier searched for lenses to optimize and complement the increased resolution benefits of its new dome camera and selected Theia's new 5 megapixel offerings.

According to Dr. Martin Theis, Team Manager for Camera Development at Dallmeier, "it has never been easier for me to be innovative and make our cameras more powerful than when using Theia's megapixel lenses. Finding great megapixel lenses at competitive prices that fit into our dome camera is an achievement made possible by Theia's precision engineering and innovation."



Theia's newest megapixel offering, the SL940A telephoto lens, provides full 5 megapixel resolution to zoom in and deliver high detail images. The IR-corrected, CS mount lens has a focal length of 9 to 40 mm, and is designed to let the user take full advantage of the 1/2.5" sensor used by Dallmeier's new camera. And at a compact 50mm long, it easily fits in the dome profile.

In addition, Dallmeier has selected the new SL183 1.8 to 3mm, 5 megapixel, IR corrected lens with Theia's patented Linear Optical Technology® to provide up to 115 degrees undistorted horizontal field of view (HFOV), providing the opportunity to cover more area with a single camera, potentially reducing the overall cost of system ownership.

Both new lenses offer a powerful combination of true megapixel resolution and IR correction in a compact envelope of only 50mm long. Theia's lenses maintain crisp, clear megapixel resolution images making them perfect accessories for Dallmeier's Cam_inPIX® technology. This image processing technology developed by Dallmeier itself, whereby the picture information of every single pixel is digitally converted at the point of capture and is processed in the most optimal way, makes it possible to record clear, high-contrast and colour true pictures even in difficult lighting conditions. Digital noise reduction as well as numerous control functions like AWB, AGC or slow shutter, make further optimisation of the picture quality possible.

Theia's award winning Linear Optical Technology® provides an ultra wide field of view through all-optical distortion correction that removes barrel distortion without using software. Compared to typical wide angle lenses, Theia's technology increases resolution at the edges of the image improving the ability to recognize subjects.

Same camera (5mpix) and position:

2.5 – 4mm lens (at 2.5mm):	Theia's Linear Optical Technology®
	

About Theia

Theia Technologies provides high quality megapixel lenses for security and machine vision applications. Their patented, award winning Linear Optical Technology® corrects barrel distortion and improves image resolution over typical lenses. Theia lenses are designed and marketed from the US, and manufactured to ISO 9001 standards. Theia also provides optical engineering and custom design services. Theia has several issued and pending US and foreign patents for lens technologies. For more information, contact Andrea Iñiguez, +1 (503) 570-3296, or visit www.TheiaTech.com.

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About Dallmeier

Dallmeier has more than 25 years of experience in transmission, recording and picture processing technology and is an outstanding pioneer of CCTV/IP solutions worldwide. Profound knowledge is used in the development of intelligent software and the production of high-quality recorder- and camera technologies. It enables Dallmeier to offer not only stand-alone systems but also complete network solutions up to large-scale projects with perfectly coordinated components. From the very beginning the company always focused on its own innovative developments and highest quality and reliability. Dallmeier is the only manufacturer in Germany that develops and manufactures all components on its own. This includes the entire product range, from cameras to picture storage and transmission to intelligent video analysis and even individually adjusted management systems. Quality made by Dallmeier, made in Germany! This and the extensive experience in the CCTV and IP field have lead to a top position in the international market for digital video surveillance systems. www.dallmeier.com, www.caminpix.com, www.casino-surveillance.com, www.videonetbox.com.



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