

Excelitas Technologies Launches LINOS d.fine HR-M Lens Series at VISION 2022

Ultra-Precision Imaging Performance Works with Industrial Cameras to Enhance Machine Vision Applications



WALTHAM, Mass., September 27, 2022 – [Excelitas Technologies® Corp.](#), a global technology leader delivering innovative, customized photonic solutions, introduces its [LINOS® d.fine HR-M Lens Series](#) for machine vision and industrial applications.

The new LINOS d.fine HR-M lens series from Excelitas pushes technological advancements with a ground-up design offering ultra-precision imaging performance across large fields-of-view. Designed with efficiency and throughput in mind, the large apertures optimize light throughput, minimizing critical cycle times in an industrial environment.

It is designed for new high-resolution sensors in the full format (and larger) field as well as long lines (up to 16k/3.5µm) and 4/3". Ultra-fine resolution to the corners of the field-of-view ensure consistent imaging performance across full format sensors and long-line 16K format sensors with pixel sizes down to 3.5µm. In combination with Excelitas' new flexible focusing and mounting modules, the LINOS d.fine HR-M lens series can be connected to almost any industrial camera, enabling optimal performance for a wide range of applications.

Precision alignment allows consistent full field-of-view imaging performance at an excellent price-to-performance ratio. Two versions are available, including one for mag=0.2x and one for 0.09x. The mag=0.2x (5:1) version is very unique on the market and ensures unprecedented short working distances. The high aperture of 2.8 also shows the quality of the new d.fine HR-M lens series.

Excelitas' d.fine HR-M lenses are useful for machine vision, industrial optical inspection, quality control including PCB and print inspection, sorting applications, as well as 3-D measurement.

The new LINOS d.fine HR-M lens series will be on display at Excelitas' booth (Hall 10, E51) during [VISION 2022](#) in Stuttgart, Germany, October 4 – 6, 2022.

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About Excelitas Technologies

Excelitas Technologies® Corp. is a leading industrial technology manufacturer focused on delivering innovative, market-driven photonic solutions to meet the illumination, optical, optronic, sensing, detection and imaging needs of our OEM and end-user customers. Serving a vast array of applications across biomedical, scientific, semiconductor, industrial manufacturing, safety, security, consumer products, defense and aerospace sectors, Excelitas stands committed to enabling our customers' success in their many various end-markets. Our team consists of more than 7,500 professionals working across North America, Europe and Asia, to serve customers worldwide.

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