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FOR IMMEDIATE RELEASE

NEXT GENERATION OF APPLICATIONS ARE MOVING TO COLOR CAMERAS AND LENSES

Kowa Introduces First F-Mount 3CCD Color Line Scan Lens in the Industry

Los Angeles, CA—Kowa, already the forerunner in high performance Industrial FA, Machine Vision and Security Lenses, has just pushed the envelope of color imaging capability with two advanced 3CCD Color Line Scan Lenses.

KOWA has introduced the LM50CLS and the LM28CLS 3CCD color line-scan lenses. The new lenses offer focal lengths that are 50 mm and 28 mm, respectively, iris range for both is 2.8 to 16, and minimum focus distance is 0.5 m. The lenses have 30 mm sensor coverage and a Nikon F-mount. The front filter screw size is M52 X 0.75 for the LM50CLS and M72 X 0.75 for the LM28CLS and the maximum diameter (ratio) is f/2.8.

Industry professionals who have tested the new 3CCD Color Line Lenses were not only amazed at the enhanced resolution, but also at how smoothly and effortlessly they operated in the factory environment. According to Joshua Lazenby, Channel Manager of Kowa Optimed, system integrators are elated about having the ability to offer the first F-mount 3CCD Line Scan Lens with these performance specifications as part of their integrated solution. "In evolving to color vision applications, the ability to produce consistent, low noise, high resolution images becomes much more critical," Lazenby notes. "Kowa has developed the new lenses to provide ultra high resolution, low color aberration and maximize high corner brightness."

There is a broad spectrum of applications where the ability to identify and match colors is critical. Assembly processes often require color matching to create products offered in a wide range of colors. As an example, pharmaceutical identification and inspection is often keyed to color and in processed food production, color change is an indication of the stage or condition of the processed material. A critical factor in optimizing system performance is the selection of the proper lens for the application. In many multi-chip cameras the presence of a prism introduces

chromatic and spherical aberrations. The advanced optical design of the new lenses compensates for these characteristics by providing low color aberration and high quality images.

“We believe that both of these new Kowa lenses offer factory automation experts a degree of imaging accuracy and versatility they’ve never had before, “Lazenby emphasized. “Not only are they at the forefront of color imaging technology, they’re priced at a very affordable level even for the smallest factory automation solution.”

About Kowa Optimed, Inc: Kowa Optimed has an impressive tradition of innovation, providing precision products that advance the state of innovation within key industries. The company's mission reflects that of its parent company, which has established a track record for innovative success that dates all the way back to 1894.

Founded in 1980, Kowa Optimed is Kowa Company's presence in the western hemisphere, representing one of the largest privately owned companies in Japan. With this size comes power and innovation, as is evidenced by the breakthrough devices offered by Kowa Optimed: these are the products from the Electronics & Optics Division, which traces its roots to 1946. Kowa offers CCTV lenses for FA industrial, machine vision, and video security, as well as low-cost, high quality color and monochrome cameras. For more information contact KOWA Optimed, 20001 S. Vermont Avenue, Torrance, CA 90502, Phone: (800) 966-5692 or visit www.kowa-usa.com

Editor’s note: For hi-res digital images, please contact dan_meyers@sbcglobal.net

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