

Mitsubishi Electric Introduces the KD-CX Series of Industrial Machine Vision Line Scan Cameras

KD-CX Series Combines CIS Technology with CoaXPress Interface

CYPRESS, California – November 1, 2016 – Mitsubishi Electric US, Inc., a global leader in CIS technology, introduces an industrial line scan camera with imaging sensors for wide format imaging and a CoaXPress® interface for machine vision applications. The KD-CX Series Line Scan Camera incorporates an imaging sensor, lens and LED lights in one space-saving package.

Key features of the KD-CX Series include:

- Low image distortion
- Electric shutter
- Binning function (600, 300, 200 and 150 dpi)
- Switchable color/mono output

The KD-CX Series Line Scan Camera is available in three scan widths – 367, 587 and 807mm – and uses a tri-linear color sensor. The CIS camera’s acquisition speed is 140 meters per minute at 600 dpi resolution in 24- or 30-bit RGB. Software settings allow users to select lower resolutions for faster acquisition speeds. Target applications for the KD-CX Series include print inspection, glass inspection, printed circuit boards and web-based processes.

The KD-CX Series all-in-one form factor can simplify system design for OEMs. For end-user organizations, fewer components in the camera’s design can reduce the cost of a line scan application, and in some cases, might be the only practical imaging solution in a confined area.

“Mitsubishi Electric is a global leader in CIS imaging technology, and with the addition of the KD-CX Series camera, we are fulfilling a need in the industrial machine vision industry for a CIS camera that offers both wide format imaging and a CoaXPress interface for machine vision applications,” said Lou Fetch, said business development manager, CIS products, Mitsubishi Electric US, Inc., Semiconductor Division.

Mitsubishi Electric has provided CIS imaging devices to the scanning industry for more than three decades. The KD-CX Series camera complements Mitsubishi Electric's KD-AX color and KD-MX monochrome series cameras that use a CameraLink® interface. The Mitsubishi Electric's line of CIS modules is used globally in document scanning, copiers, ATMs, banknote inspection and check scanning. Additional information on the KD-CX Series Line Scan Camera and Mitsubishi Electric's [complete line of CIS products is available online.](#)

About Mitsubishi Electric US Semiconductor Division

Mitsubishi Electric US, Inc.'s Semiconductor Division presents a portfolio of semiconductor and electronic devices that helps advance information processing and telecommunications. The division offers next-generation optical devices that support today's rapidly evolving optical telecommunications networks. They include high-frequency gallium nitride, gallium arsenide and silicon RF devices used in a variety of applications from two-way radios to telecommunications satellites. The division also provides leading-edge color TFT-LCD modules designed for high reliability and superior visibility. Mitsubishi Electric's TFT-LCD modules deliver exceptional performance and excellent color quality in a broad range of indoor and outdoor operating environments. They can be used in such industrial applications as medical, factory automation, agriculture, construction, marine, and aviation. Most recently, the division added contact image sensors for machine vision applications to its product line. Additional information is available at <http://www.mitsubishielectric-usa.com/semiconductors/>

In addition to semiconductor devices, [Mitsubishi Electric US group companies'](#) principal businesses include factory automation equipment, automotive electrical components, elevators and escalators, heating and cooling products, solar modules, electric utility products, and large-scale video displays for stadiums and arenas. Mitsubishi Electric US group companies have roughly 50 locations throughout North America with approximately 4,000 employees.

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CoaXPress is a registered trademark of the Japan Industrial Imaging Association (JIIA).

CameraLink is a registered trademark of the Automated Imaging Association.

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