# Industry-grade streaming cameras

picoCam and midiCam from SICK

Waldkirch/Stuttgart, November 2016 – The new picoCam and midiCam streaming cameras from SICK enable continuous data recording, external image processing on a PC, a wide array of image generation options, and 2D image data output. Perfectly tailored image processing solutions are created in conjunction with the SIM4000 Sensor Integration Machine.

As single or multi-camera applications for automated image processing applications, picoCam and midiCam can be implemented in combination with SIM4000 in industries such as automotive and robotics, logistics, electronics, solar, and the food and beverages sector for quality inspection, traceability, and object detection, in combination with third-party image processing systems for automated image processing applications.

**picoCam – ultra-compact, industrial digital cameras with GigE interface**

The picoCam streaming camera family is ideally suited to applications where space is restricted. So that it can be used in industrial environments, the picoCam has a screw-fit RJ45 GigE interface – the standard for industrial image processing – as well as industry-grade plug connectors for the voltage supply and trigger signals. As an alternative, it is also possible to operate it with just one cable measuring up to 100 m in length using Power over Ethernet (PoE). The picoCam is available with 1, 2, or 4 megapixel resolution and in color, monochrome, or NIR (optional) variants. CMOS image sensors use global shutter technology and enable multiple image sections (AOI). Image recording and transmission are decoupled in the internal 60 MB memory bank and multi-camera applications are therefore supported.

**midiCam – rugged, industry-grade digital cameras with GigE interface**

With IP 67 enclosure rating, the midiCam streaming camera family is ideally suited for usage in harsh industrial environments. This is why the midiCam has an M12 GigE interface – the standard for industrial image processing – as well as industry-grade M12 connections for the voltage supply and trigger signals. As an alternative, it is also possible to operate it with just one cable measuring up to 100 m in length using Power over Ethernet (PoE). The midiCam is available with 1 or 2 megapixel resolution and in color, monochrome, or NIR (optional) variants. CMOS image sensors use global shutter technology and enable multiple image sections (AOI). Image recording and transmission are decoupled in the internal 60 MB memory bank and multi-camera applications are therefore supported.

Image:picoCam\_midiCam\_IM0064367.jpg
picoCam and midiCam: industry-grade streaming cameras from SICK

SICK is one of the world’s leading producers of sensors and sensor solutions for industrial applications. Founded in 1946 by Dr.-Ing. e. h. Erwin Sick, the company with headquarters in Waldkirch im Breisgau near Freiburg ranks among the technological market leaders. With more than 50 subsidiaries and equity investments as well as numerous agencies, SICK maintains a presence around the globe. In the fiscal year 2015, SICK had more than 7,400 employees worldwide and achieved Group sales of just under EUR 1.3 billion.
Additional information about SICK is available on the Internet at http://www.sick.com or by phone on +49 (0) 7681 202-4183.