

15 years ago, IDS introduced the first industrial camera with USB interface to the market

With pioneering spirit to success

In April 2004, the first industrial camera with a USB interface from IDS Imaging Development Systems GmbH came onto the market. This makes IDS one of the pioneers of the use of this technology for high-performance digital cameras. The interface, which was already widely used in the consumer sector, was not considered suitable for industrial use at the time. Today – after 15 years – USB is firmly established in the industrial environment, too.

"Our decision to use USB was initially smirked at," recalls company founder Jürgen Hartmann. "But we made the interface suitable for industrial use. USB is very strongly driven by the consumer market and therefore the ideal solution to develop cost effective yet powerful camera applications." Within one year, IDS successfully completed the transition from the development of analogue frame grabbers to digital industrial cameras. In the meantime, the interface, already in its third generation, has become an integral part of the market – as has IDS. With well over one million cameras sold, the company is now one of the market leaders in the industrial camera sector.

The product portfolio has expanded significantly compared to 2004. The product range now includes over 600 models with USB 2.0, 3.0 and 3.1 Gen1 interfaces. Currently, the vision app-based industrial cameras IDS NXT with artificial intelligence provide groundbreaking developments and additional benefits for their users.

More information: www.ids-imaging.com

Photo (© IDS Imaging Development Systems GmbH):



uEye: the first industrial camera with USB interface from 2004

About IDS Imaging Development Systems GmbH:

The industrial camera manufacturer IDS Imaging Development Systems GmbH develops high-performance, easy-to-use USB, GigE and 3D cameras with a wide spectrum of sensors and variants. The almost unlimited range of applications covers multiple non-industrial and industrial sectors in the field of equipment, plant and mechanical engineering. In addition to the successful CMOS cameras, the company expands its portfolio with vision app-based sensors and cameras. The novel image processing platform IDS NXT is freely programmable and extremely versatile.

Since its foundation in 1997 as a two-man company, IDS has developed into an independent, ISO-certified family business with more than 280 employees. The headquarters in Obersulm, Baden-Württemberg, is both a development and production site. With branches in the USA, Japan, South Korea and UK as well as offices in Europe, IDS is represented internationally.

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