#### Press release

Obersulm, 03.11.15

GigE cable lengths now available for USB 3.0 applications!

USB 3.0 cables up to 50 m length, suitable for drag chains

**IDS now offers active USB 3.0 cables up to 50 m length and thus expands the range of its USB 3.0 industrial cameras significantly. The high-quality fiber optic cables with screw-locking metal housings allow lossless and fast data transfer between computer and camera, especially in applications using Gigabit Ethernet so far. The cables are insensitive to electromagnetic interference, and they are suitable for drag chains, providing bending radius of 20 mm. They are available in pre-fabricated lengths of 10, 20, 30 and 50 m.**

USB 3.0 becomes more and more important in the fields of machine vision and industrial imaging. Thanks to the high transfer rate of up to 5 Gb/s and fast sensors, such as Sony’s IMX174 (161 fps, 1900 x 1200 px) or ON Semiconductor’s Python 1300 (169 fps, 1280 x 1024 px), USB 3.0 allows machine vision in real time, without data compression and loss of image quality. The USB 3.0 camera portfolio of IDS includes four camera series and around 100 different camera models (Mono, Color, NIR), covering board-level versions, models with robust housing, and industrial autofocus cameras.

By integrating active optical hybrid cables, users benefit from the advantages of USB 3.0 for applications that could only be implemented with GigE so far, due to the connection distance.

Image:

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