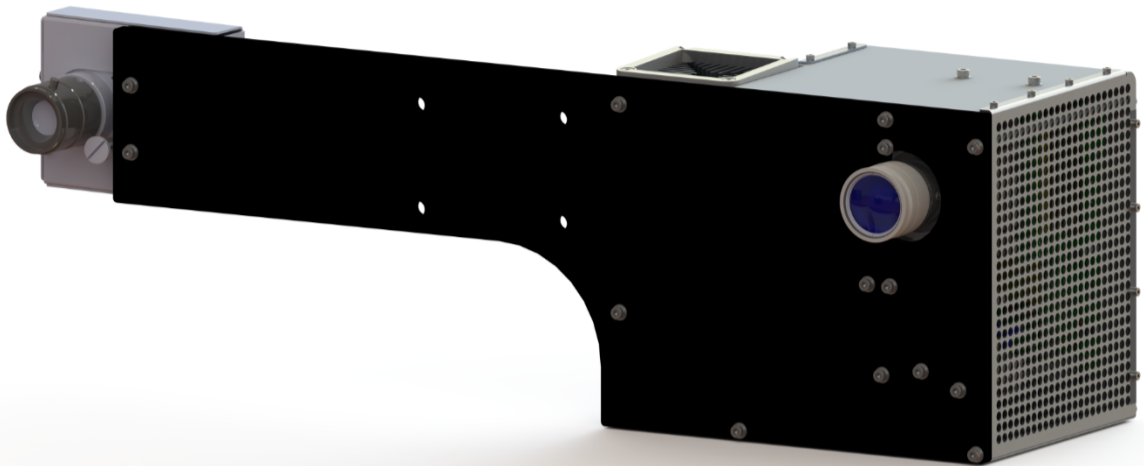


## Next Generation Imaging Solutions: Our approved Scanner Module for Integrated Machine Vision Applications



We are very excited to announce our latest innovation. Our Direct Link Sensor (DLS) extends our portfolio of DLP based modules by integrating both, DLP chip and image sensor, in one single electronics. This approach results in straight forward system setup maintaining maximum performance. The user simply defines a sequence of images for projection and receives the corresponding camera image sequence in return.

Our DLS modules address machine vision use cases demanding for high-performance DLP projection with corresponding image acquisition. The DLS concept overcomes the former need of handling and synchronizing separate projector and camera devices.

### Flexibility

A high-power LED forms the light source illuminating the DLP micromirror array (DMD). Three color options (BLUE, NIR, WHITE) can be chosen depending upon your specific application requirements.

### Plug and play

The DLS API functions are designed to build an application with a minimum of programming effort providing maximum control capabilities at the same time. The user can define any type of pattern sequence that may differ in bit depth, number of pictures, and frame rate. The DLS-1.0.dll is portable and can be used in various programming environments



### Upgrade option

An additional software package zSnapper® (zSn.dll) is available as an optional extension for DLS aiming at high-speed and high-precision 3D coordinate measurement applications. This powerful 3D measurement software has been developed for the ViALUX 3D scanners and is now released on zSnapper®module level. It delivers (x, y, z) coordinates directly and automatically for use in 3D machine vision.

More detailed information is available on our website [www.vialux.de](http://www.vialux.de).

Please do not hesitate to contact us also directly at [dlp@vialux.de](mailto:dlp@vialux.de) for more information about our new DLS-system.

Yours sincerely

ViALUX