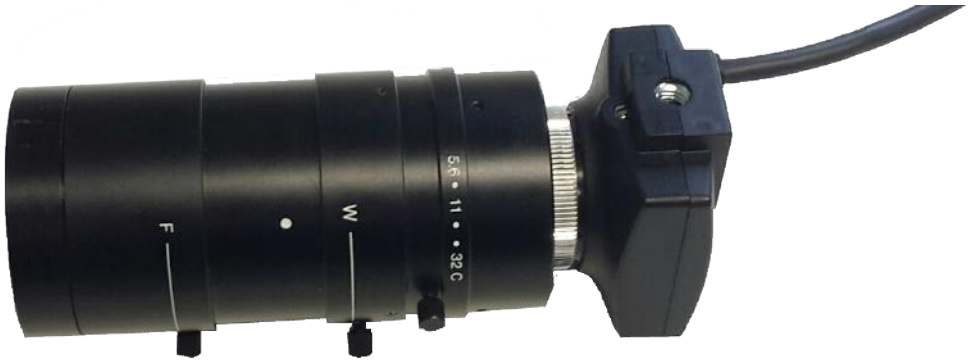
LASCON® Camera System



Side looking LASCON camera with macro zoom objective

With our camera system it is possible to monitor your process. This will help you with the development of a new process or even with the improvement of an existing process. With the camera system your process is easier to control and more reliable.

The camera system consists of the camera, the objective and the camera software LASCON Camera Manager (LCM).

Our application of the camera system are the marking of the laser spot for manually position adjustment, the manually height adjustment with the focus of the camera and the recording of the process. The recording of the process is a very useful tool. It helps to develop and improve your process and in case of an error you can use the video for error analysis. A filter is used for the camera to block the laser light and so the analysis of the process is possible.

Data of the camera

Interface	USB 2.0
Sensor type	CMOS
Frame rate	25.0 fps
Resolution (h x v)	1280 * 1024
Objective	10x macro zoom, adjustable iris
Shutter	Rolling shutter
Optical class	1/3''
Resolution	1.31 MPix
Pixel size	3.60 µm
IP code	IP30

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The software LASCON Camera Manager (LCM)

The software is user-friendly and the different applications are easy to teach.
In combination with the LASCON Controller, the recording of the process starts and stops automatically. It is possible to save all process videos or only the videos where the LASCON Controller signalizes an error.

The drawings in the screen can be saved and so they always appear on the same position after a restart of the software.

It is also possible to change the camera settings (frame rate, exposure time, etc.) with software to achieve the best view.

If you are using different cameras, you can use a label in the screen to differentiate the cameras. So a camera for the top view and an additional camera for the side view can be used.