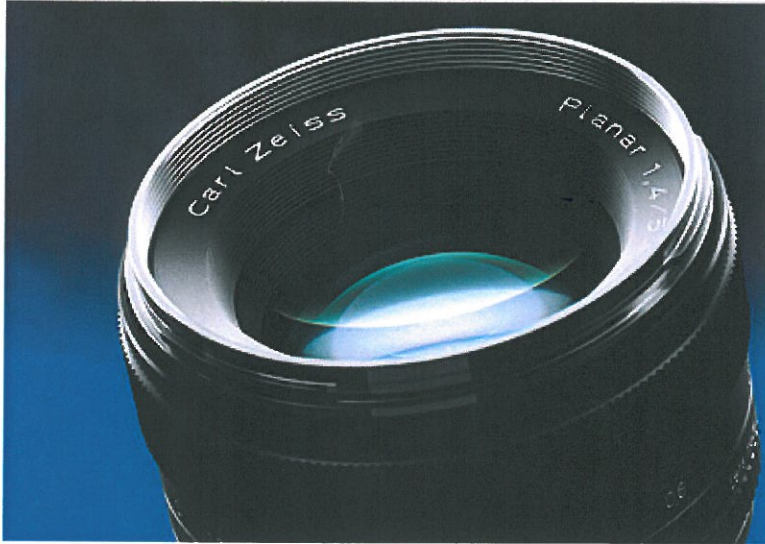


With our ZF lenses, we offer high resolution image quality for technical and industrial applications. Carl Zeiss F-Mount lenses for industrial applications are key components in complex production processes as well as in measuring tasks, quality assurance and many other applications. Here they prove their outstanding image performance, reliability and high quality.

Features [Lenses](#)



ZF Lenses

Carl Zeiss ZF lenses are compatible with any F-Mount camera. The F-Mount is a popular used standard for high-resolution industrial cameras with large sensor sizes and for line scan cameras with sensors up to 43 mm. ZF lenses from Carl Zeiss are widely used in machine vision, automation, quality inspection, optical metrology as well as in Research and Development e.g. with High Speed cameras. Thanks to the large image format, our objective lenses are ideal for the constantly increasing use of high-resolution image sensors with bigger sensor formats.

Due to the manual adjustment of the focus the helical focusing mount of ZF lenses are much more precise than usual focusing mounts.

- high resolution
- robust housing
- color purity
- stray light absorption
- precise manual focus and aperture setting

ZF-I: Industrial Edition

The Industrial Edition of ZF lenses are provided with lock screws for both the aperture setting and focus.

Both the locking screws and the stable design make the lens inure to vibrations and improve measuring repeatability and avoiding machine downtime.

ZF-IR: Infrared Edition

The Infrared Edition of ZF lenses are suitable for the use with special cameras like IR cameras without an IR blocking filter. The transmission of ZF-IR lenses adds up to 70% at 1000 nm, while usual lenses exhibit only 20%.

Versatile Camera Mounts

These high sophisticated optical designs are also available with different mounts like **M42 Screw Mount** (S-Mount) and **EF-Mount** (compatible to Birger Mount).