



TCDP Series are double port bi-telecentric lenses supporting two different cameras to measure objects with different magnification factors. 2x and 4x options are available for imaging one half or one fourth of the full FOV: this can be simply accomplished by switching from one camera to the other with your software application.

Since this technique doesn't require any moving mechanism, the magnification repeatability is totally assured, thus providing exceptional measurement accuracy with no need of re-calibrating after zooming.

TCDP Series are suitable for any camera up to 2/3" format, they can be mounted on CMHO clamping mechanics and fit collimated illuminators and ring light designed for standard TC Series.



TCDP4X144 imaging a screw with two different cameras.



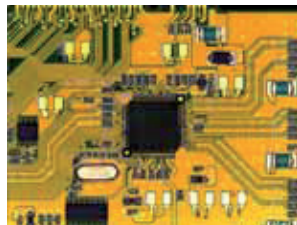
Full FOV image with lens' lower magnification.



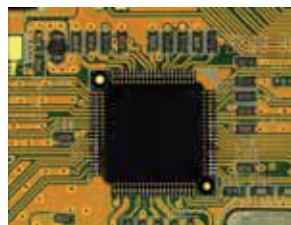
4x magnified image of the object central part.



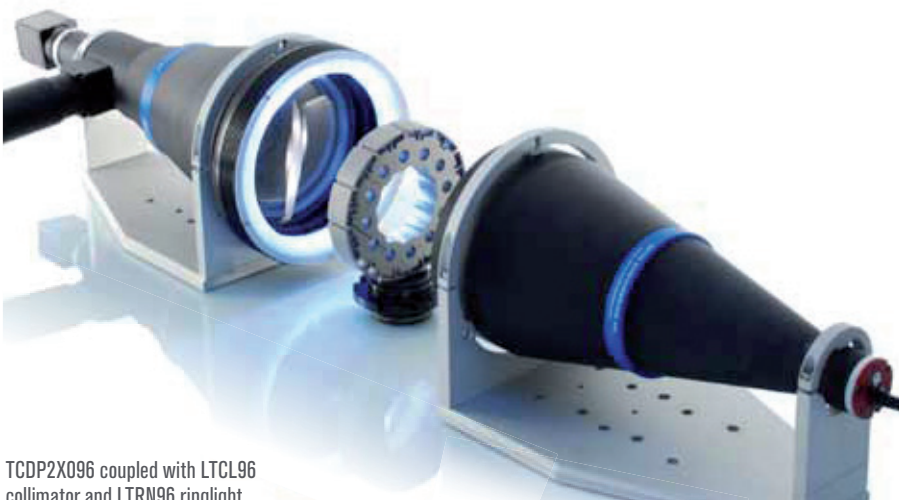
TCDP2X096 imaging an electronic board with two different cameras.



Full FOV image with lens' lower magnification.



2x magnified image of the object central part.



TCDP2X096 coupled with LTCL96 collimator and LTRN96 ringlight.

KEY ADVANTAGES

DOUBLE FOV AND MAGNIFICATION

For tuning accuracy with flexibility.

NO NEED OF RE-CALIBRATING

Since the two magnifications are fixed.

NO CHANGE IN IMAGE CENTERING

When switching to another FOV.

