

# 16K 5 $\mu$ line scan lens

LS-16K5 series · Line scan lenses · 14 models



Line scan lenses specially designed for 16K 5  $\mu$ m super-high-resolution large-format line scan cameras; lens resolution up to 160 lp/mm, max image circle up to 82 mm, compatible with 16K 3.5  $\mu$  / 12K 5  $\mu$  cameras, optical distortion <1 pixel, magnification 0.26x–3x.

## Features

- Specially designed for 16K5 $\mu$  super high resolution line scan camera
- Lens real resolution is up to 160lp/mm
- Provide higher contrast for cameras
- Max image circle is up to 82mm
- Compatible with 16K3.5 $\mu$ /12K5 $\mu$  camera
- Optical distortion is <1 pixel size
- Magnification from 0.26x–3x

## Applications

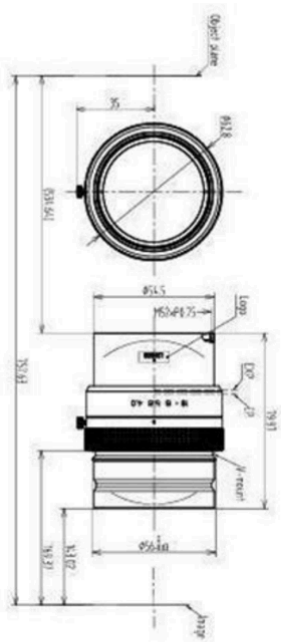
- Industrial: height - detecting metal markings
- Electronic component: yes or no / identify - check the number of tiny chips and poor imprint
- Electronic component: blemish / stain - detecting camera defects
- Electronic equipment: yes or no / identify - detect poorly bundled / broken lead wires of motors

## Common specifications

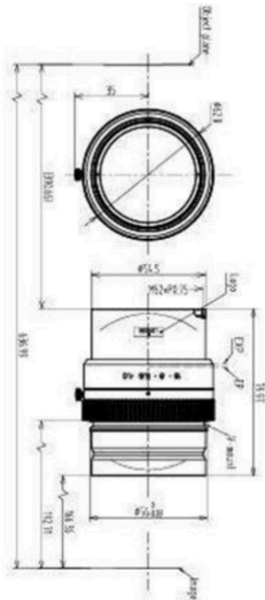
|                     |             |
|---------------------|-------------|
| Focal length        | 116mm       |
| Magnification range | 0.26X-3X    |
| Mount               | V-Mount     |
| Distortion          | <0.001%     |
| Line scan format    | 16K 5 $\mu$ |

## Models

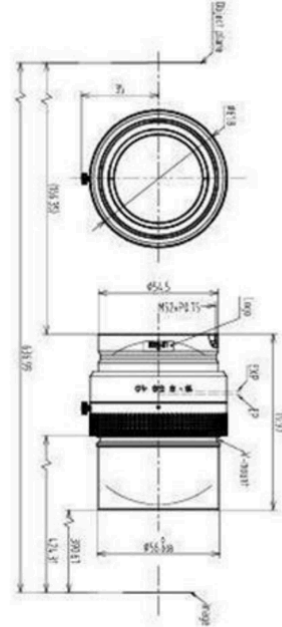
| Model      | EFL   | Standard magnification | Image size (dia.) | F/NO   | Optical distortion | Working distance | Conjugate distance |
|------------|-------|------------------------|-------------------|--------|--------------------|------------------|--------------------|
| LS-LS1626B | 116mm | 0.26X                  | dia. 82           | 3.8-16 | 0.001%             | 663.34           | 874.3              |



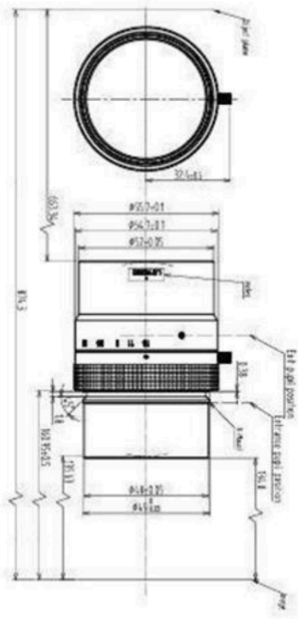
LS-LS1603B



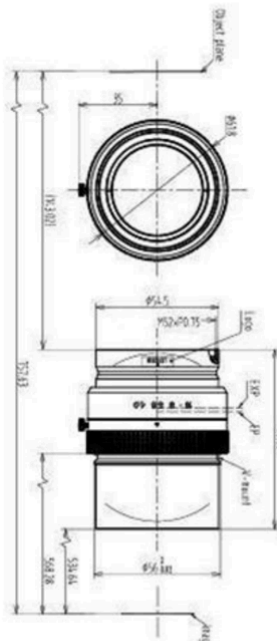
LS-LS1605B



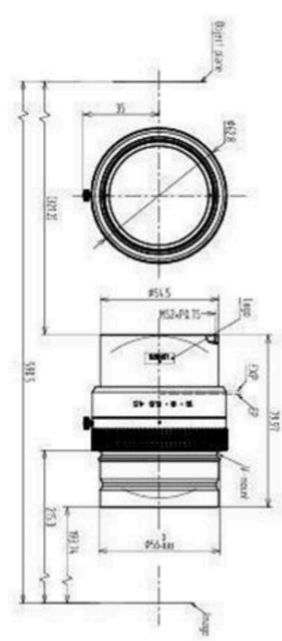
LS-LS1620B



LS-LS1626B



LS-LS1603B



LS-LS1667B