

Vari-magnification telecentric lens

LS-TC-H series · Telecentric lenses · 2 models



Bi-telecentric zoom lens whose magnification is continuously adjustable from 0.5x to 2.0x without changing the working distance; telecentricity $\leq 0.05^\circ$ over the full range, supports up to 2/3" sensors, TV distortion $< 0.05\%$, motorized control optional.

Features

- No need to change the working distance, the magnification can be continuously adjusted from 0.5x to 2.0x
- Bi-telecentric optical design
- Telecentricity is $\leq 0.05^\circ$ under full magnification range
- Maximumly support 2/3" sensor
- TV distortion $< 0.05\%$ / Motorized control is optional
- Widely used in electronic, semiconductor and other high-precision industries

Applications

- Liquid crystal, semiconductor: position / tilt - positioning of the glass circuit board
- Electronic equipment: geometrical measurement - cut rotation angle of the lens
- Electronic component: position / tilt - detect the defective conductor of the capacitor
- Automobile: blemish / stain - detect piston chip attachment

Common specifications

Magnification	0.5X-2X
Max image plane size	2/3"
Mount	C-Mount
Distortion	$< 0.05\%$

Models

Model	Focus mode
LS-TC6552A	Manual ()
LS-TC6552B	Motorized ()

More values per model (Max image circle, Object NA@WD, Working distance, Illuminating system, TV distortion, Telecentricity, Resolution, Sensor format) are on each product page.