

**Telecentric**

SERIES  
VS-TEV

1.1" Support

3.45  $\mu\text{m}$

Varying objects to view - Variable telecentric magnification to cover it



Magnification ranges: 0.3 - 0.5x | 0.5 - 0.75x | 0.75 - 1.0x



**VS TECHNOLOGY**  
MACHINE VISION OPTICS

# 1.1" Sensor Format Supporting Variable Magnification Telecentric Lenses



## Features

- 1.1", 1" sensor format support
- 3.45 $\mu$ m sensor resolution support
- 3 Model Lineup: 0.3x - 0.5x, 0.5x - 0.75x, 0.75x - 1x
- High Telecentricity for entire Image Area
- Variable iris allows for easy DOF and contrast balance adjustment

Model	Mag.	WD (mm)	W/Fno	Max Sensor
VS-TEV0305	0.3x - 0.5x	221.5 - 125.8	4.3 - 6.2	1.1"
VS-TEV05075	0.5x - 0.75x	173.2 - 133.9	5.0 - 6.8	1.1"
VS-TEV07510	0.75x - 1.0x	133.9 - 114.0	6.8 - 8.5	1.1"

## Image Comparison

TEV's peripheral brightness and telecentricity allow objects to appear sharper at the center and edges of the image with higher accuracy for better inspection than conventional fixed focal lenses.

Conventional Fixed Focal Lens

New VS-TEV Series