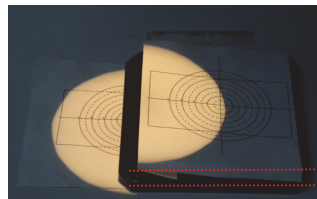




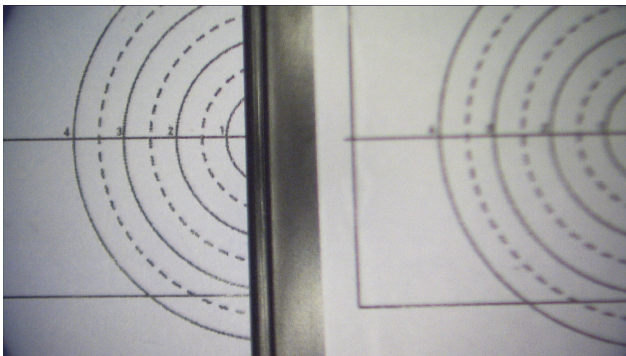
Ikegami has developed a new surgery microscope adaptor, CVA-300RI, for 3 chips Full HD (High Definition) cameras. The adaptor is designed for 3 chips optics and for the optical resolution for Full HD cameras. And it equips the optical auto iris function and performs the deeper focus depth with Ikegami Full HD cameras, MKC-300HD and MKC-500HD.

■ Deeper focal depth

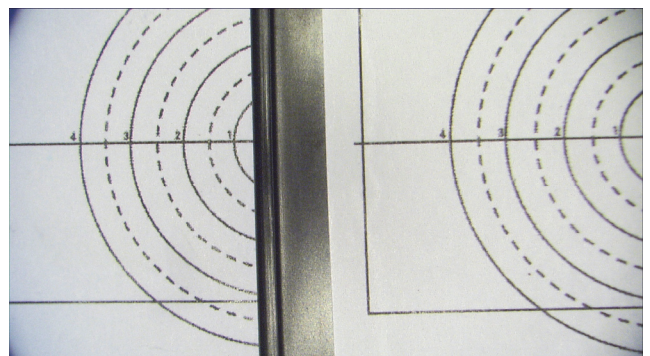
The combination with Ikegami MKC-300HD/MKC-500HD and CVA-300RI is a power tool to get the best quality images with the deeper focal depth.



Approximately 20mm height



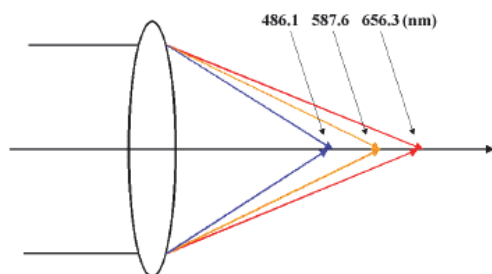
Conventional camera and adaptor



Combination with Ikegami MKC-300HD/MKC-500HD and CVA-300RI

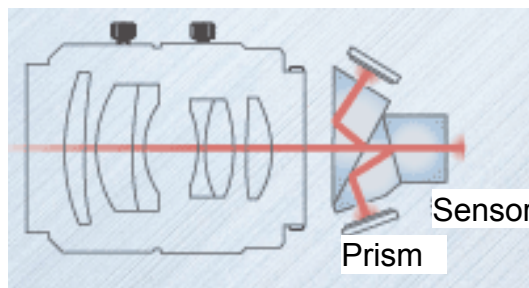
CVA-300RI for Full HD cameras

■ Dedicated design for 3 chips Full HD cameras



Chromatic aberration

The focus points are different according to the wavelength



Dedicatedly designed for less chromatic aberration

■ High resolution

HD cameras have approximately twice higher resolution than conventional SD cameras. This optics is specially designed to keep the optical resolution as the HD.

■ Bright optics

The new optical design is developed for the brighter optics.

■ Optical auto iris

The optical iris can be adjusted automatically and it can perform deeper focal length.

■ Variable focal

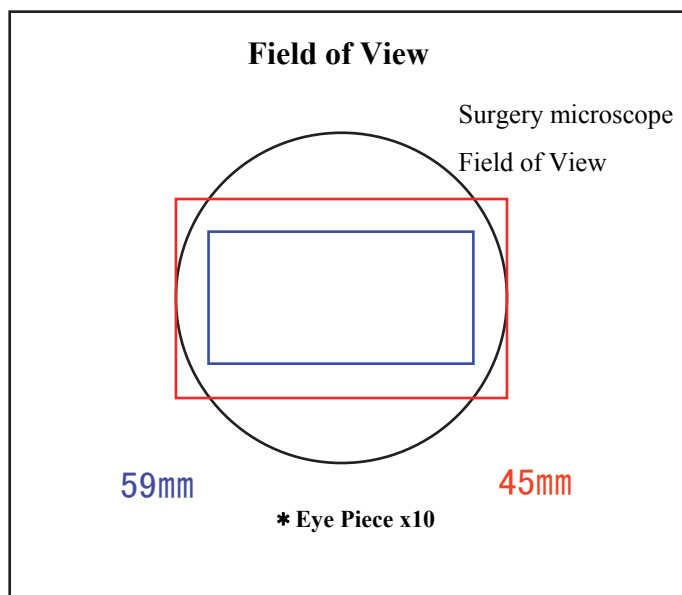
Variable focus optics with the focus distance from 45mm to 59mm. It can set the field of view between 16:9 and 4:3, and the field of view of HD camera (16:9) can be used with similar feeling to that of conventional SD cameras (4:3).

■ Remote focus control

The remote control unit can control the detail focus adjustment.



Installed CVA-300RI with Ikegami MKC camera



Specification

Type number	CVA-300RI
Camera sensor	1/3" recommended
Lens mount	C-mount
Focal length	45mm to 59mm(Variable)
Iris power	DC12V $\pm$ 10%, 120mA or less
Focus	Remote focus
X-Y axis adjustment	Available
Filter change	Manual
Size (mm)	132x107x53
Weight	600g or less

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