

Ikegami

Surgery Microscope High Resolution Adaptors
for 3 chips Full HD / 4K Cameras

CFA-400 series



CFA-400



CFA-400R



CFA-400RIR

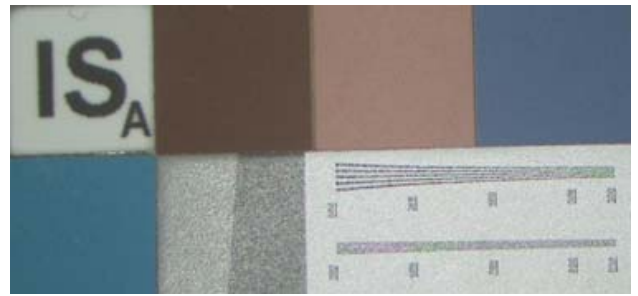
Ikegami has developed new surgery microscope adaptors, CFA-400 series, for 3 chips Full HD (High Definition) and 4K cameras with the higher optical resolution. They equip the optical auto iris function and perform the deeper focus depth with Ikegami MKC camera series.

High Resolution

Higher resolution of the optical lens even for 4K cameras. Approximately 1.5 times better than conventional model.



CFA-400 with sharper images



Conventional camera adaptors

Bright Optics

The new optical design is developed for the brighter optics. Approximately 1.3 times better than conventional model.

Optical Auto Iris

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

Remote Focus Control

(CFA-400R/-400RIR)

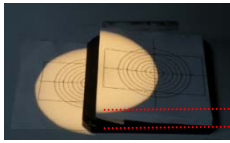
The remote controller can easily control the focus adjustment even during the surgery.

One Push Automatic Filter Changer

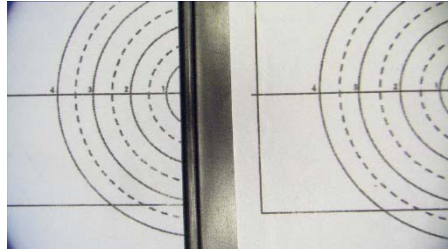
(CFA-400RIR)

One pushing button on the remote controller can automatically switch the integrated filter to move to ICG mode with Ikegami MKC cameras.

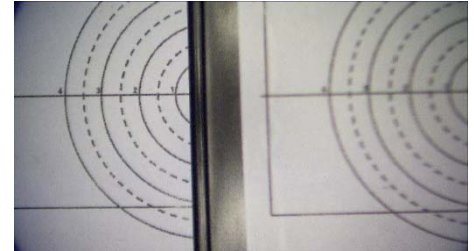
Deeper Focal Depth



Approximately 20mm height

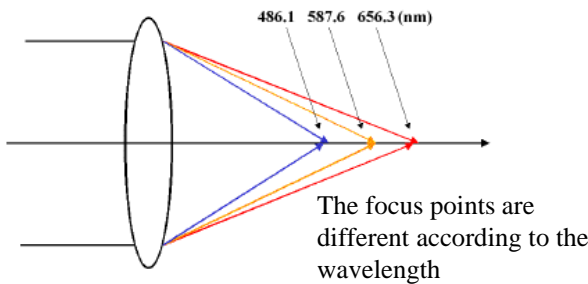


Combination with Ikegami MKC-230HD Rev A and CFA-400

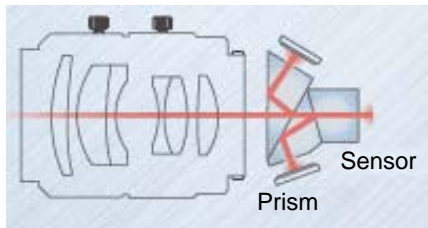


Conventional camera and adaptor

Dedicated Design for 3 Chips Cameras

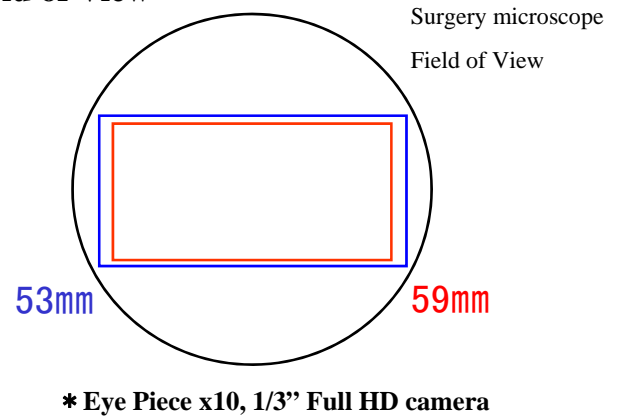


Chromatic aberration



Dedicatedly designed for less chromatic aberration

Field of View



Specification

| Model | CFA-400RIR | CFA-400R | CFA-400 | CMA-100HD |
|---------------------|----------------------------|---------------------------|-----------------|------------------|
| Camera sensor | 1/3" recommended | | | |
| Lens mount | C-mount | | | |
| Focal length | Fixed | | | |
| | 53mm | 53mm or 59mm (Selectable) | 53mm | 55mm |
| Iris power | DC12V ± 10%, 120mA or less | | | N/A |
| Focus | Remote focus | | Manual focus | |
| X-Y axis adjustment | Available | | | |
| Filter change | One push automatic | N/A | N/A | N/A |
| Size (mm) | 113.5 x 79 x 45 | 113.5 x 79 x 45 | 113.5 x 79 x 45 | 57.5 x 36 x 55.5 |
| Weight | 450g or less | 450g or less | 450g or less | 185g or less |

Economy Model CMA-100HD

It equips the manual iris and focus control with the fixed focal length but still keeps the optical resolution for Full HD format.



Ikegami Tsushinki Co.,Ltd.

Head Office : 5-6-16 Ikegami, Ohta-ku, Tokyo 146-8567, Japan TEL.03-5700-1111 / FAX.03-5700-1137
 Overseas Sales Division : 5-6-16 Ikegami, Ohta-ku, Tokyo 146-8567, Japan TEL.03-5700-4117 / FAX.03-5748-2200

URL : <http://www.ikegami.co.jp/en/>

Ikegami Electronics (U.S.A.), INC.

Headquarters : 37 BROOK AVENUE, MAYWOOD, NJ 07607, USA TEL.(201) 368-9171/ FAX.(201) 569-1626

URL : <http://www.ikegami.com>

Ikegami Electronics (Europe) GmbH

Headquarters : Ikegami Strasse 1, D-41460 Neuss, Germany TEL.02131-1230/FAX.02131-102820

URL : <http://www.ikegami.de>

Ikegami Electronics Asia Pacific Pte Ltd

Headquarters : 1 Tampines Central 5, #03-03, CPF Tampines Building, 529508, Singapore TEL.+65 6260 8820/FA +65 6260 8896

URL : <http://sg.ikegami.co.jp>