

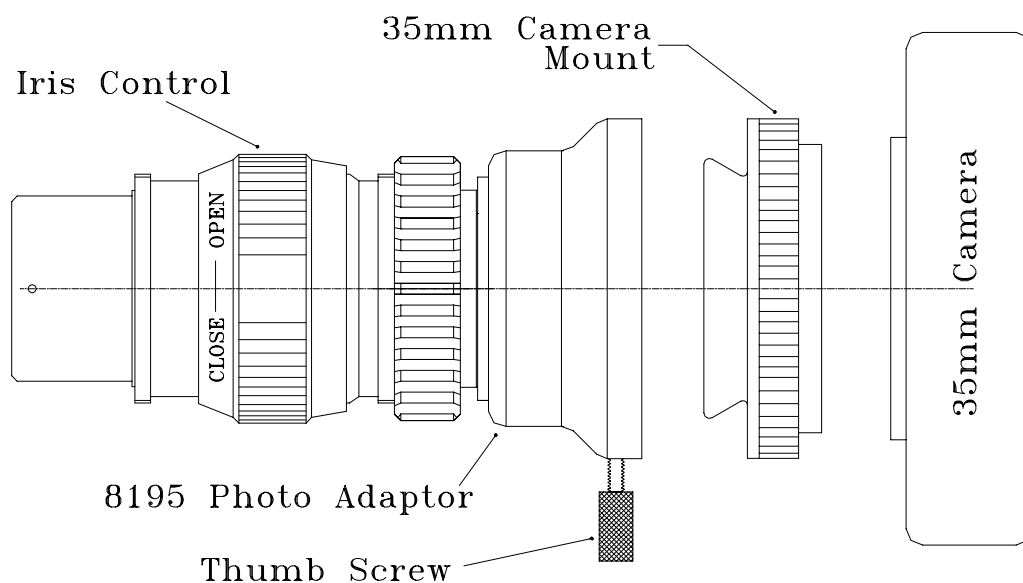
# ACCU-Beam® Universal 35mm Photo Adaptor

## For Operating Microscopes

### Product No. 8195

## User Instructions

The ACCU-Beam® Universal 35mm Photo Adaptor features a focal length of F340 which produces a wide angle full frame photograph on 24x35mm film format.



### Mounting the Adaptor:

- 1) The 8195 Photo Adaptor fits directly into the beamsplitter located below the binocular tube of the microscope. Either of the two lateral ports may be used.
- 2) If the beamsplitter is Zeiss® compatible, secure the photo adaptor by tightening the locking ring on the beamsplitter. For non Zeiss® beamsplitters, a beamsplitter adaptor is to be used.

### Mounting the Camera:

- 1) Attach the 35mm camera mount into the 35mm camera body.
- 2) Remove the dust cap and mount the 35mm camera to the dovetail on the photo adaptor. Set the desired camera position and secure with the thumb screw.

## **Parfocalizing the Microscope and Camera:**

- 1) Stabilize the microscope and focus on a planar target at high magnification.
- 2) Look through the view finder of the camera at high magnification and adjust the microscope focus until the 35mm camera is in focus with the target.
- 3) Look through the microscope and adjust each eyepiece until the target is in sharp focus. Go to low magnification and check focus of the camera and microscope.

## **Iris Aperture Setting:**

- 1) The Iris Aperture setting should be fully open for most applications. If an increase in depth of field is required, the user may set the iris aperture and exposure time as desired.

## **Remote Shutter Release:**

- 1) For the 8192CA Canon 35mm Camera - Use either the 8192ER Cable for Electronic Shutter Release or the 8192IR Infrared Controller.

## **35mm Camera Mounts:**

Canon, Konica, Minolta, Maxxum, Nikon, Olympus, Pentax, and Yashica/Contax.

## **Microscope Adaptations:**

Zeiss, Wild/Leica, Moller-Wedel, Aus-Jena, Topcon, Haag-Streit, Takagi, Marco, Inami and Vasconcellos.

Authorized Representative per Medical Device Directive  
Hallmark International Management Consultants  
Systems House, Westgate, Tadcaster,  
North Yorkshire LS24 9AA, UK

ISO-9001:1994  
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**TRANSAMERICAN TECHNOLOGIES INTERNATIONAL**  
**2246 Camino Ramon • San Ramon, CA 94583 USA**  
**Tel: 925-355-0750 • 800-322-7373 • Fax: 925-355-0777**  
**e-mail: [ttimed@aol.com](mailto:ttimed@aol.com) • website: [www.ttimedical.com](http://www.ttimedical.com)**

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