

**INSTRUCTION MANUAL ADHESIVE FRAME**

EN

**Please read this manual carefully before using the Cambo CS-30 loupe!**

**Warnings**

**To achieve maximum bond strength between mounting frame and LCD screen:**

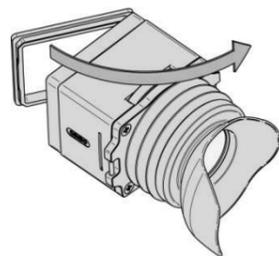
- ✘ After installing the adhesive mounting frame on the camera body, leave the adhesive to cure for at least **48 hours**, before mounting the viewing loupe.
- ✘ Do not use the adhesive frame in combination with a screen protector. Please remove the screen protector (if applied) before bonding the frame to the LCD screen.
- ✘ The applied surface must be thoroughly cleaned (before bonding the frame).
- ✘ Do not bond the mounting frame at temperatures below the 59°F (15°C). The recommended bond temperature is between 70°F to 86°F (21°C to 30°C).

**Use related warnings:**

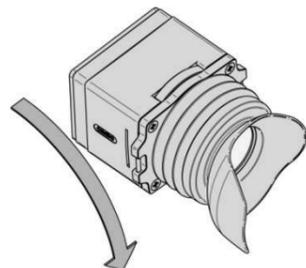
**CAUTION** Avoid exposure off direct sunrays on the loupe, the loupe (convex lens) acts as a burning-glass and will damage the LCD surface.



Only "click off" the loupe sideways!



Do not "click off" the loupe top-down or bottom-up!



- ✘ Always remove the viewing loupe from the camera after use. Do not leave the viewing loupe on the camera for extended periods, this could reduce the bonding of the frame to the camera.

**Instruction for bonding the frame to the camera body:**

**For the 3,0 inch LCD screen please use the CS-30 loupe kit (or CS-390 spare frame)**

**For the 3,2 inch LCD screen please use the CS-28 loupe kit (or CS-391 spare frame)**

- 1 Detach the lens from the camera body and place the body cap.
- 2 Place the camera body (with body cap) front side down on a elevated and flat surface (for instance a book on a table) in a way that the backside (LCD screen) of the camera is levelled (page 2. figure A).
- 3 Remove (if applied) the protection screen/film from the LCD surface.
- 4 Remove any grease and dirt (if present) from the LCD screen surface.
- 5 Turn on the camera, set the camera in play mode, turn on a bright image (for instance a picture of a white wall) and "zoom in" till the full outline of the LCD screen is visible.
- 6 Before removing the paper layer of the adhesive please practise the positioning of the mounting frame on the LCD screen. If the positioning is determined, remove the protective paper layer of the frame.
- 7 Before placing the frame, align the frame above the LCD screen (page 2. figure B).

- 8 Place the frame gently over the LCD, when the frame is aligned correctly apply an even pressure to the frame.
- 9 To optimise the bonding, keep pressure on the frame by placing a weight onto the frame (for instance a book, max. 0,8kg/1,8lbs). Make sure the construction is stable
- 10 **Leave the adhesive to cure for at least 48 hours, before mounting the viewing loupe, to achieve maximum bonding strength!**
  - Place the camera body (with body cap) on a flat elevated surface (for instance a medium sized book). Ensure that the placed camera body is stable.
  - After applying the frame (step 8) to the camera body, apply a slight and even pressure to the frame with your fingers. To ensure maximum bonding place a weight on top of the frame (max. 0,8kg/1,8lbs), for instance a book, ensure that the book and camera body are stable! Leave the adhesive to cure for at least 48 hours.

Figure A: placement of the camera body on a levelled, elevated and flat surface.

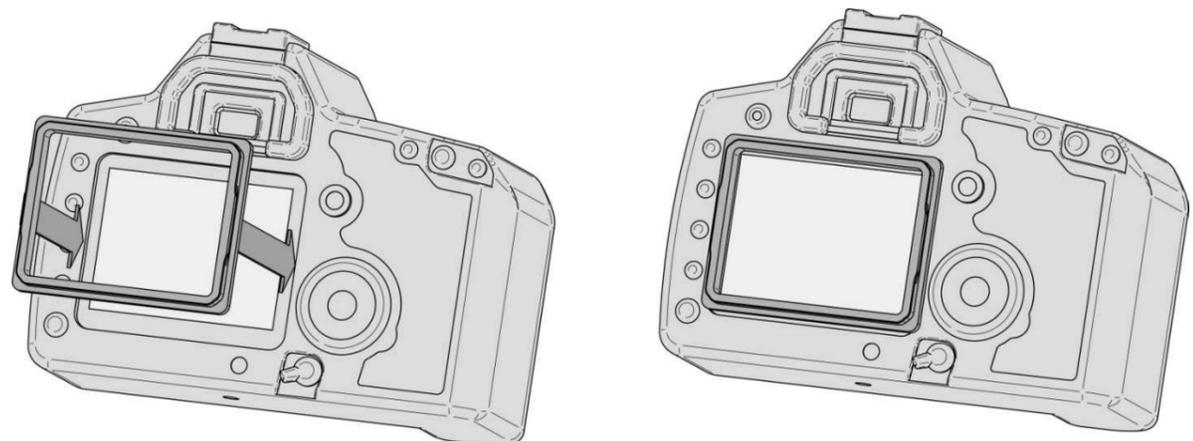


Figure B: positioning and placement of the mounting frame.

**Adjusting the focus:**

**CAUTION** At the end of the focus range the resistance to turn the focus ring increases. Do not turn the focus ring past the end of the focus range. Excessive force will damage the focus mechanism!

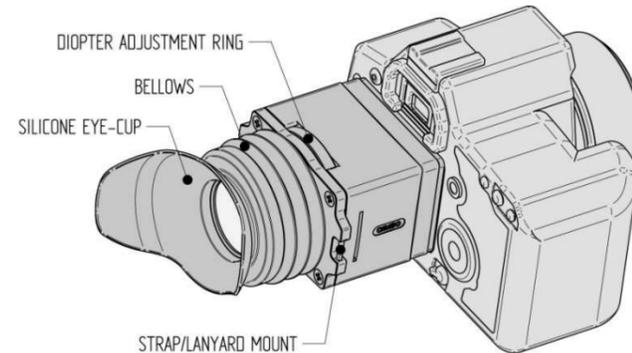


Figure C

- The normal eye requires the viewing loupe to be almost in the "out most" position.
- A focus correction can be made by turning the focus ring. The viewing loupe features a fine screw thread to ensure precise focusing, each turn corresponds to a shift of 2mm (0,04inch).
- By gently turning the focus ring **clockwise** ↻ the distance between loupe an screen surface **increases**.
- By gently turning the focus ring **counter-clockwise** ↺ the distance between loupe an screen surface **decreases**.

Note: because of the fine screw thread the shift of the loupe is small, therefore multiple turns may be required to achieve the correct focus.

It's recommended to use a neck strap or lanyard attached to the viewing loupe. The viewing loupe features two strap brackets (standard camera size) to attach a (camera) neck strap or a lanyard. When worn on the neck, ensure that the length of the strap/lanyard is longer than that of the camera's strap, otherwise the viewing loupe could snap-off.

## INSTRUCTION MANUAL MOUNT PLATE & FRAME

EN

Please read this manual carefully before using the Cambo CS-system!

### Warnings

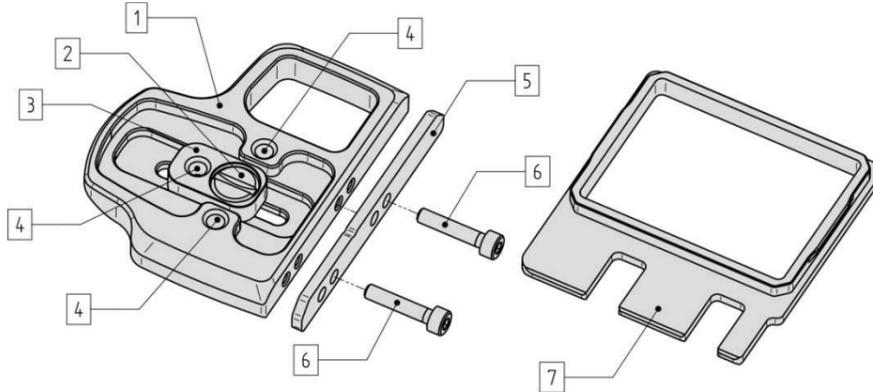
#### CAUTION (when using the CS-30 loupe)

**Avoid exposure off direct sunrays on the loupe, the loupe (convex lens) acts as a burning-glass and will damage the LCD surface.**

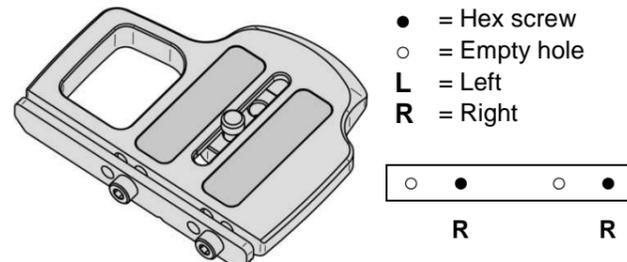
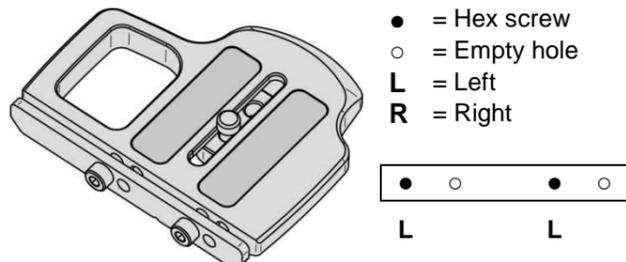
- ✘ Only "click off" the CS-30 loupe sideways, thus from "left to right" or from "right to left", **DON'T** "click off" the loupe "top to bottom" or "bottom to top", this will damage the CS-30 housing.

### Overview parts

- 1 Base Plate
- 2 Camera Screw (1/4" 20 WW)
- 3 Screw Offset Adapter
- 4 Mounting Hole (1/4" 20 WW)
- 5 Clamp Plate (of the frame)
- 6 Hex Screw
- 7 Mounting Frame CS-30 Loupe  
*(The image shows the CS-33 high frame)*
- 8 Hex key (3mm DIN911)



To increase the compatibility with different camera bodies, the "clamp plate" can be mounted in two different positions, according the images below. The positions of the "hex screws" relate to a particular camera model and frame type. The camera models, "screw positions" and "frame type" are stated below.



Camera model	Screw	Frame type
Canon 1D X	L - L	CS-29 1Dx/D4 frame
Canon 1D MKIV	L - L	CS-34 1D frame
Canon 5D MKII	L - L	CS-33 high frame
Canon 7D	L - L	CS-32 low frame
Canon 550D	L - L	CS-32 low frame

\*note: the CS-29 frame will extend slightly in relation to the base plate when used with the Nikon D4 camera body.

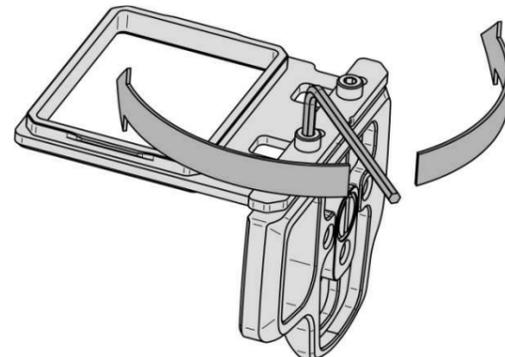
Camera model	Screw	Frame type
Nikon D4*	R - R	CS-29 1Dx/D4 frame
Canon 5D MKIII	R - R	CS-31 high 3,2" frame
Canon 6D	R - R	CS-31 or 33 high frame
Canon 60D	R - R	CS-32 low frame
Nikon D800/E	R - R	CS-31 high 3,2" frame
Nikon D300s	R - R	CS-33 high frame
Nikon D90	R - R	CS-32 low frame

### Mounting instructions

Note: in this instruction we use a Canon 5D MKII body as example, the instruction steps are similar for other camera models (except for the positioning of the "hex screws" and "frame type" used).

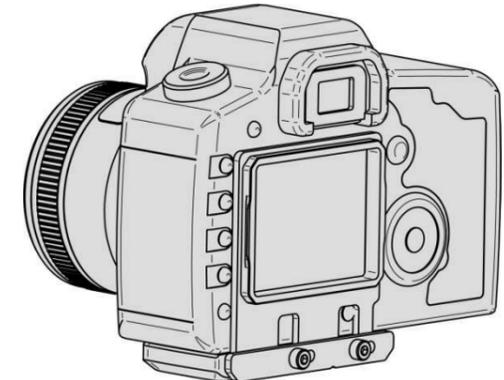
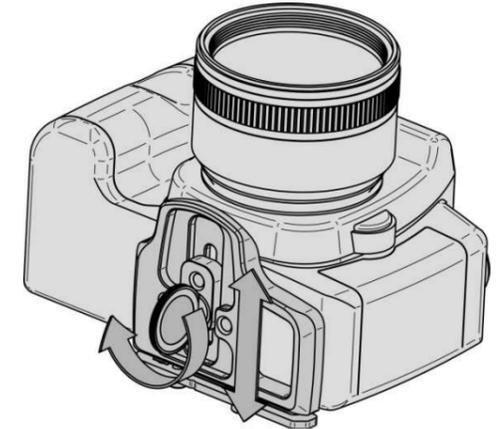
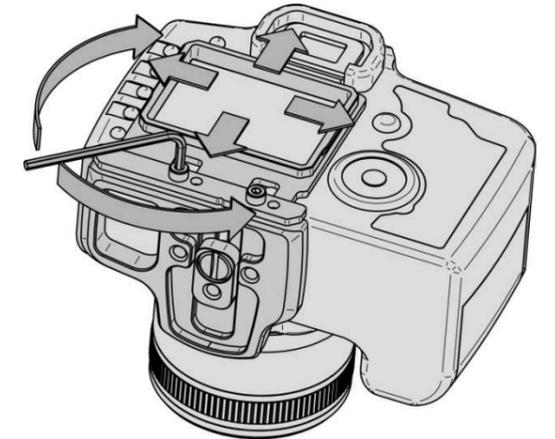
Note: **Do not over tighten the hex screws** when clamping the "mounting frame", this will damage the "clamp plate".

Please set the screws in the position related to the used camera model using the provided "hex key" (in this example it's in the left-left position). Please slide the frame (in this example a CS-33 high frame) between the "clamp plate" and "base plate" in a way that the screws are positioned in the slots of the frame, then gently tighten the "hex screws".



### Mounting instructions

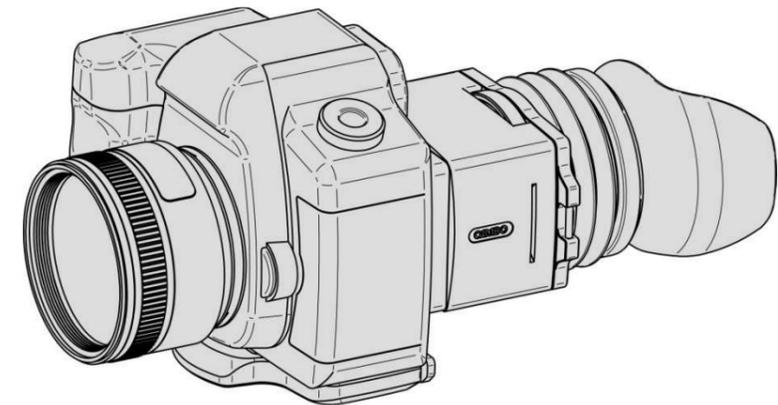
- 1 Align the "screw offset adapter" with the tripod mounting hole of the camera body.
- 2 Place the camera body onto the "base plate".
- 3 Please use a coin to tighten the "camera screw", don't completely fasten the "base plate" yet, allow the "base plate" to slide.
- 4 Slide the "base plate" until the foam layer of the "mounting frame" touches the monitor of the camera body, then tighten the "camera screw".
- 5 Use the provided "hex key" to slightly loosen the "hex screws".
- 6 Now please turn on the camera and display an image.
- 7 Zoom-in the image (to clearly indicate the outlines of the monitor).
- 8 Adjust the position of the "mounting frame" in a way that all the outlines of the monitor are visible. *Note: in case of the Canon D60 (16:9 screen type) please align the centre of frame and monitor.*
- 9 Tighten the hex screws gently (don't over-tighten the hex screws, this will deform and damage the "clamp plate").



The image on the right shows the correct installation of the CS-3x camera mounting system (the image shows a Canon 5D MKII body with the CS-33 unit).

Please verify;

- ▶ The correct alignment of the "mounting frame" and the outlines of the LCD monitor.
- ▶ The alignment of the rear of "mounting frame" and the LCD monitor is parallel.
- ▶ The foam layer of the "mounting frame" presses slightly against the LCD monitor.



Tested camera models : Canon 1D MKIV, Canon 5D MKII/MKIII, Canon 7D, Canon 60D, Nikon D800, Nikon D300s, Pentax K-7/K-5

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This instruction manual is prepared with care, although no responsibility, financial or otherwise, is accepted for any consequences related the information stated in this instruction manual. All specifications in this instruction manual are subject to change without notice.

For more information please visit the Cambo web site: [www.cambo.com](http://www.cambo.com)