

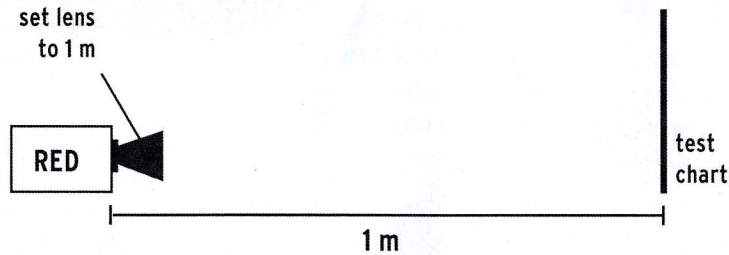
# User Manual IMS conversion for RED One

## Collimation Instructions

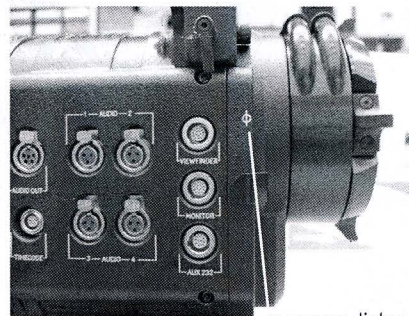
Please note, without proper adjustment of the IMS mount for RED One, sharpness may not be accurate.

You need the following items at hand

- RED One with IMS Mount
- Properly collimated lens
- Properly collimated IMS lens mount
- Test chart or something similar
- Class 1 HD Monitor



f) Connect IMS lens mount and lens to the RED One camera, camera should be on a tripod.



g) Setup the test chart in exactly 1 m distance from the camera. Take the measurement from the camera front as marked in the picture.

h) Set your lens for a distance of 1 m

i) Add or remove shims from below the flange ring (2a) until the image from the camera is sharp. Control image sharpness only with a high resolution monitor.

measure distance from image plane marking

Note: the measured distance and the distance set on the lens have to correspond.

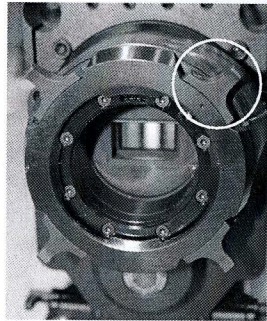


## Delivery content

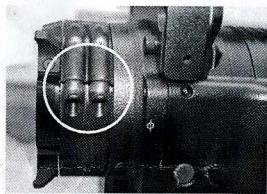
Position Number 2, 3 and 5, 6, 7

Pos. No.	Art. No.	Description	Amount
2	24526	Flange and cover ring coupled	1
3	24527, 24528, 24529, 24530, 24532, 24533, 24736	Set of adjustment shims for RED One front	one each
5	22016	Screws M4 x 12	8
7	24564	front cover	1

## Disassembling Instructions for Red One Mount



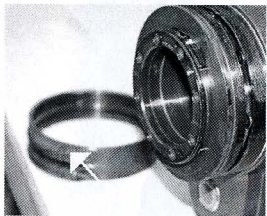
1) Remove wings  
(tool: Inbus 2,0 mm)



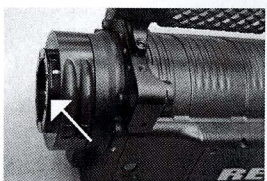
4) Completely remove  
two screws  
(Inbus 4,0 mm)



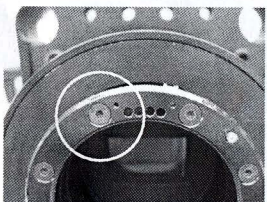
2) Remove position  
screw  
(Inbus 1,5 mm)



5) Open adjustment  
ring and carefully  
pull off to front

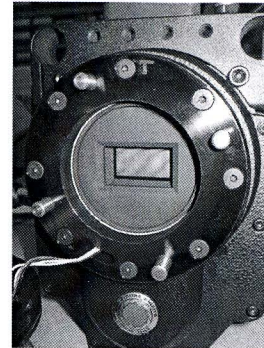


3) Unscrew  
clamping ring

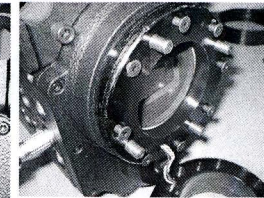


6) Open 8 screws  
(Tx10) and remove  
PL ring

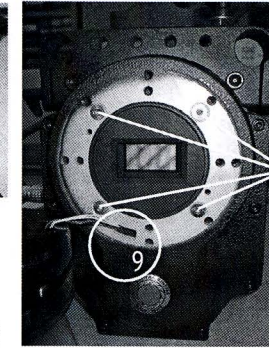
## Interchangeable Mount System (IMS)



7) Carefully detach front  
side threaded ring by  
pulling off front in do  
ing so guide the cabl-  
ing through the  
ring

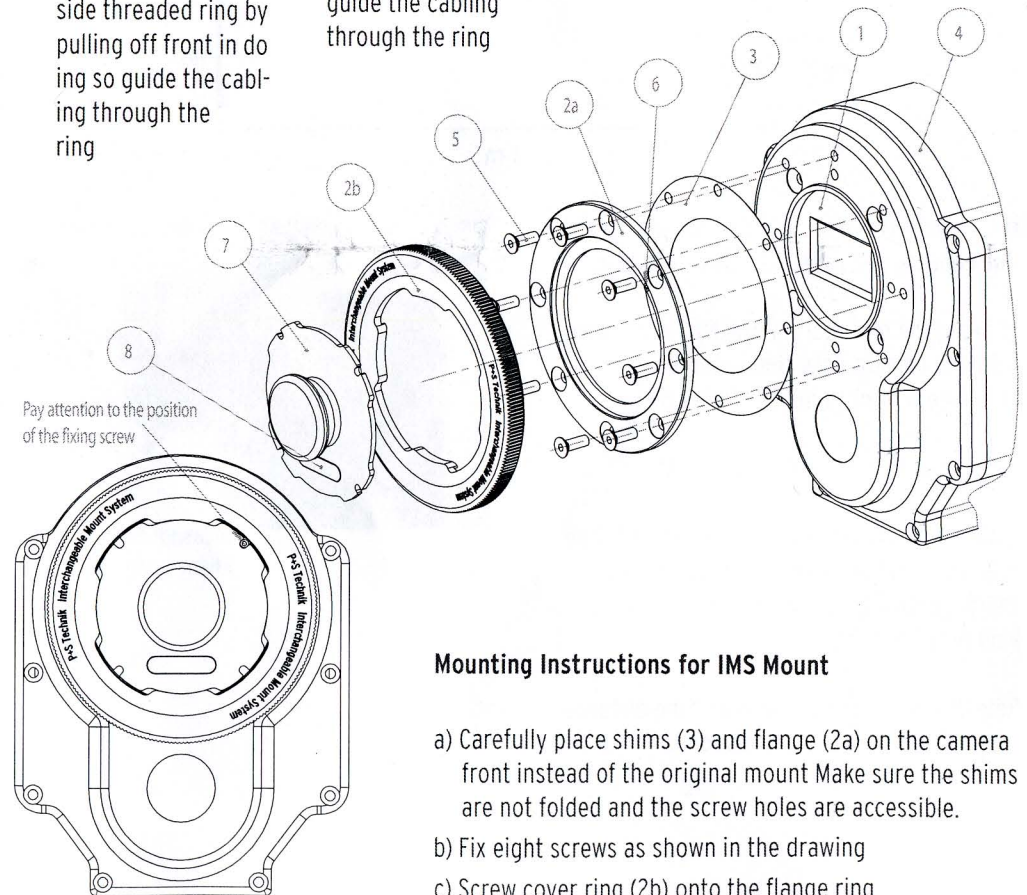


8) Open 8 screws  
(Inbus 2,5 mm) and  
carefully detach the  
second threaded ring  
and again in doing so  
guide the cabling  
through the ring



9) Store the  
cabling inside the  
milled hole in the  
camera housing.

**IMPORTANT:**  
Never open  
marked screws,  
since RED One  
product  
guarantee  
will be lost !



## Mounting Instructions for IMS Mount

- Carefully place shims (3) and flange (2a) on the camera front instead of the original mount. Make sure the shims are not folded and the screw holes are accessible.
- Fix eight screws as shown in the drawing.
- Screw cover ring (2b) onto the flange ring.