



# Assembly Instruction: DMK/DFK/DBK Cameras, TLH CS-f and TBL Lenses



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## DMK/DFK/DBK Cameras, TLH CS-f and TBL Lenses

- Included with delivery: camera, lens mount set, lens.



- **1:** Unscrew and remove the protective cap and the 5mm distance ring from the camera. This ring must be removed in order to mount the lens.



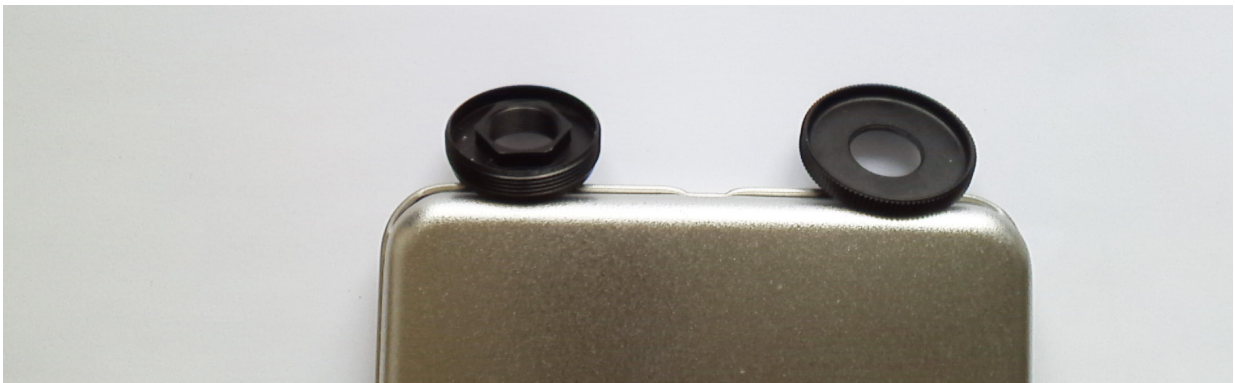
- The spacer ring and lens cap (middle and right) are no longer needed. We do recommend keeping these items, however, in case the camera needs to be stored at a later date.



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- **2:** Screw the hex nut (left) onto the camera. The lens will be placed into the lock washer (right) which will serve to secure the lens. The hex nut can be screwed onto the camera using a 14mm nut wrench or open ended wrench. This can also be done by hand. **Please do not over-tighten!** This can strip the thread or crack the mounting bracket.



- The adapter TLH CS-f has two parts: hex nut (left) and lock washer (right). The parts are set at an angle in this photo to show better detail.



- View of camera with hex nut mounted to camera housing.



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- **3:** Screw the lens into the lock washer. **Please note:** The flat side of the washer should be facing the camera. When the lens is properly placed, the observer should be seeing the “bucket” side of the washer (shown left). This ensures a correct grip.



- The lens should be placed in the adapter so that it sits flush with the inside of the lock washer's “bucket.” It should not yet be screwed tight since the washer and lens set will later be mounted to the camera in order to lock the lens after it has been properly focused.



- Lens mounted to lock washer.





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- **4:** Connect the camera to the PC. IC Capture can be used in order to display camera images. The washer and lens are now placed onto the hex nut and screwed into place until the image is sharp.



- **5:** After the lens has been adjusted to provide a sharp image (above), a small gap between the lens/lock washer and camera is visible. Hold the lens with one hand so that it does not turn while tightening the lock washer to the camera with the other hand. **Do not over-tighten!**



- **Ready!** The lens/lock washer is tight and the gap is closed: the lens has been affixed. The assembly is complete and the camera is ready for use. During the adjustment and mounting of the rings and nuts, dust from the abrasion of the threads can appear causing flecks in the image. In this event, the pieces must be disassembled, cleaned and assembled once again.



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All weights and dimensions are approximate. Unless otherwise specified the lenses shown in the context of cameras are not shipped with these cameras.