

opticon



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40215 Telephotoadapter
User Guide

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The 40215 Telephotoadapter converts the following Opticron telescopes to long focal length telephoto lenses using SLR, D-SLR or CSC cameras.

Note. In addition you will need a compatible T-mount to connect your camera body to the photoadapter.

Equivalent focal lengths¹:

HR 66 - 800mm	HR 80 - 900mm
ES 80 - 950mm	ES 100 - 1250mm
GS 52 - 530mm	GS 665 - 750mm
MM3/4 50 - 530mm	MM3/4 60 - 700mm
IS 60² - 700mm	IS 70² - 750mm

1. Focal lengths listed are approximate and based on 35mm SLRs. Many D-SLRs use different sized image sensors so a telephoto conversion figure must be calculated separately.
2. An optional close focus adapter is available for IS models.

User Instructions

1. To convert any of the telescopes listed into a telephoto lens first remove viewing eyepiece.
2. Screw telephotoadapter onto exposed external thread of telescope body.

3. Attach appropriate T-mount to external thread of telephotoadapter.
4. Attach camera body to the T-mount.

Notes

1. If you find the camera is at an odd angle when attached - the twin rings on the telephotoadapter or the T-mount can be adjusted to bring the camera into line.
2. Focusing is facilitated on the telescope.
3. Camera may need to be operated in manual mode with shutter locks disengaged where necessary.

4. The high magnification to aperture ratios result in slower shutter speeds compared with conventional telephoto lenses so choose an ISO setting of 400. For 35mm SLRs 400 ASA film is recommended. If possible use a cable release or remote control to reduce camera shake when operating the shutter.