



D-SLR DIGISCOPING

TSN - PA7

D-SLR Digiscoping Adapter

The TSN-PA7 allows for full use of entire range of a zoom eyepiece **achieving focal lengths up to 2750mm***



The Kowa TSN-PA7 adapter slides directly over your TSN-880 or TSN-770 Series eyepiece and secures on to the inner collar of the scope body. A T2 mount attaches your D-SLR body to the TSN-PA7.

For use with Kowa TE-11WZ and TE-10Z zoom eyepieces.

* When using TE-10Z zoom eyepiece at 60x optical zoom.



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TSN-PA7 focal length examples when used with TE11-WZ eyepiece

Mag	Focal length		F-number			Format	
	TSN-880/770	TELEPHOTO LENS	TSN-880	TSN-770	TELEPHOTO LENS	FULL FRAME	APS-C
25x	1000mm	1100mm	12.4	14.2	12.5	•	•
30x	1300mm	1450mm	14.8	16.9	16.5	•	•
40x	1750mm	1900mm	19.9	22.7	21.6	•	•
50x	2150mm	2350mm	24.4	27.9	26.7	•	•
60x	2450mm	2700mm	27.8	31.8	30.7	•	•

The Kowa TSN-PA7 D-SLR digiscoping adapter transforms your KOWA TSN 880/770 series spotting scope into an extremely high powered telephoto lens for your D-SLR camera. Allowing you to not only experience stunningly sharp views of the world around you, but also take highly magnified, detailed and vibrant photographs and videos with your D-SLR camera.

In contrast to conventional digiscoping, where the image produced by the spotting scope eyepiece is photographed, the TSN-PA7 connects your D-SLR directly to the body of the scope via a T2 mount. This creates a high powered, yet lightweight and compact telephoto lens, when compared to traditional telephoto lenses.

Designed for use with the Kowa TE-11WZ / TE-10Z zoom eyepieces and Kowa TSN-880/770 series spotting scopes, the TSN-PA7 maintains the full zoom range capabilities of your eyepiece to deliver an amazing focal length reach of up to 2570mm when using the TE-11WZ eyepiece or 2750mm with the TE-10Z.



For an even greater range of focal lengths, the TSN-PA7 adapter can be used with the Kowa telephoto lens system.**

Achieve the finest focus by using the responsive dual manual focus wheels on the scope body. Incorporating quick and ultra-fine focus options, you are in full control of focusing. Quick and accurate manual focusing on even the most challenging of subjects is now easily achievable. No more auto-focus related frustration. The decision is yours.

Alternate between normal scope viewing and photography with speed and ease. The TSN-PA7 simply slides over the eyepiece and quickly secures or releases via a unique collar that screws on to the scope body.

** Requires TP-88EC1 prism unit and eyepiece.



See a full product demonstration at www.youtube.com/kowasportingoptics

Digiscoping Tips

Due to the unrivalled high magnifications that can be achieved in digiscoping, it can be a challenging but also a very rewarding method of telephoto photography. Try these useful tips to help you get the best results with digiscoping.

Even the slightest movements can cause camera shake resulting in blurred images. Try setting your D-SLR to mirror lock-up - this will help reduce vibrations when the shutter is fired.

A sturdy tripod with a good, smooth video panning head is highly recommended to keep your digiscoping setup stable.

Use your camera's self-timer or a remote control to fire the shutter of your camera, the less you handle your camera while taking the shot, the less the risk of camera shake.

Good lighting is essential in digiscoping. That results in faster shutter speeds to help freeze the motion of your subject and minimize camera shake.

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