



WARRANTY INFORMATION

We sincerely thank you for your purchase and wish you years of pleasure using it!

Tele Vue Warranty Summary

Eyepieces, Barlows, Powermates, & Paracorr have a “Lifetime Limited” warranty, telescopes & accessories are warranted for 5 years. Electronic parts are warranted for 1 year. Warranty is against defects in material or workmanship. No other warranty is expressed or implied. No returns without prior authorization. Please keep your receipts in case you need warranty service.

Lifetime Limited Warranty details online: <http://bit.ly/TVOPTLIFE>

5-Year/1-Year Warranty details online: <http://bit.ly/TVOPTLIMITED>

Subscribe to our Blog for the latest Tele Vue news: <https://bit.ly/TeleVueBlog>

Keep For Your Records

Dealer: _____ City/State/Country: _____

Date (day/month/year): ____ / ____ / ____ Item Code / Description _____

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(TNV-1401)

TNV-14 Eyepiece Adapter

The TNV-14 Eyepiece Adapter consists of (see Fig. 1): an inner ring with external thread that attaches to objective lens of the TNV/ PVS-14 night vision monocular and a rotating outer ring (with engraved letters) that fits over the eyeguard groove of compatible Tele Vue eyepieces or TNV-1448 Filter Holder. When the outer ring is rotated to the lock position a split compression ring is squeezed outward (see Fig. 2). This compression ring expands into the groove and locks the eyepieces to the adapter. Figure 3 shows a typical application of the Eyepiece Adapter.



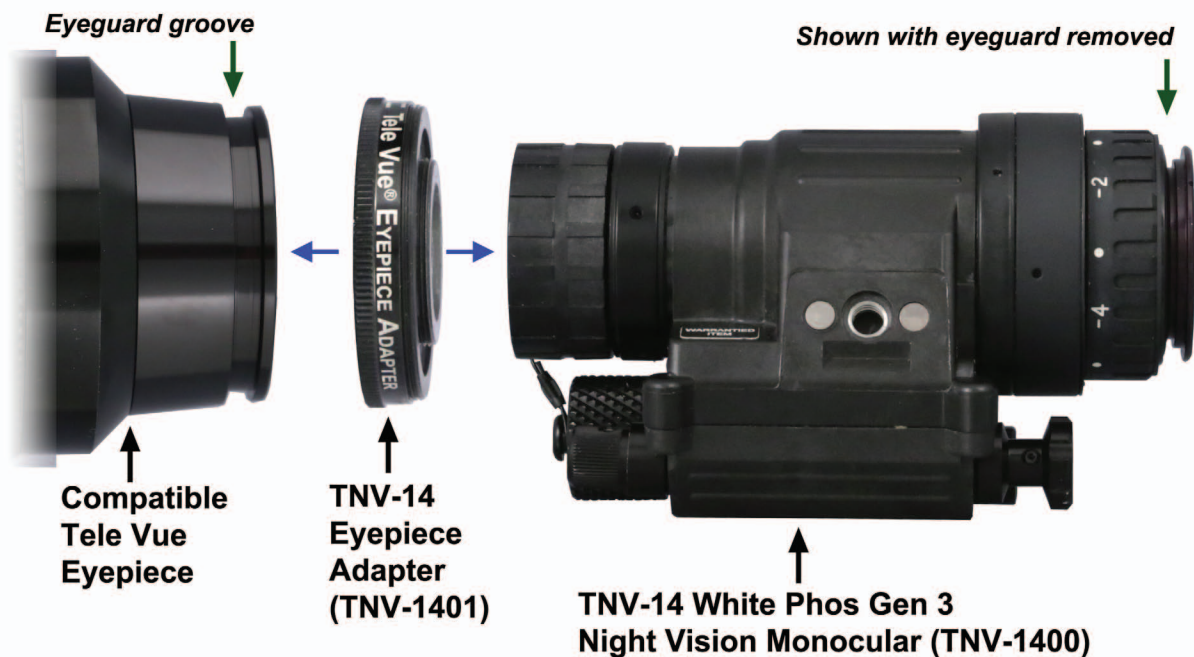
Fig 1. TNV-14 Eyepiece Adapter shown with threaded inner ring arrowed.

Installation

- Spin the external thread side of the Eyepiece Adapter onto the PVS-14 objective housing thread (see Fig. 3).
- After attachment, if the compression ring is visible on the Eyepiece Adapter, turn the outer ring counterclockwise away from the PVS-14 objective until the compression ring disappears.
- For mounting the Eyepiece Adapter on eyepieces, remove the rubber eyeguard to reveal the eyeguard groove.
- Slide the Eyepiece Adapter over the eyeguard. Twist the rotating ring of the Eyepiece Adapter clockwise so it moves back toward the PVS-14 unit. As the ring moves, the split compression ring tightens into the groove.



Fig 2. TNV-14 Eyepiece Adapter shown with gap in split ring (arrowed) at bottom.

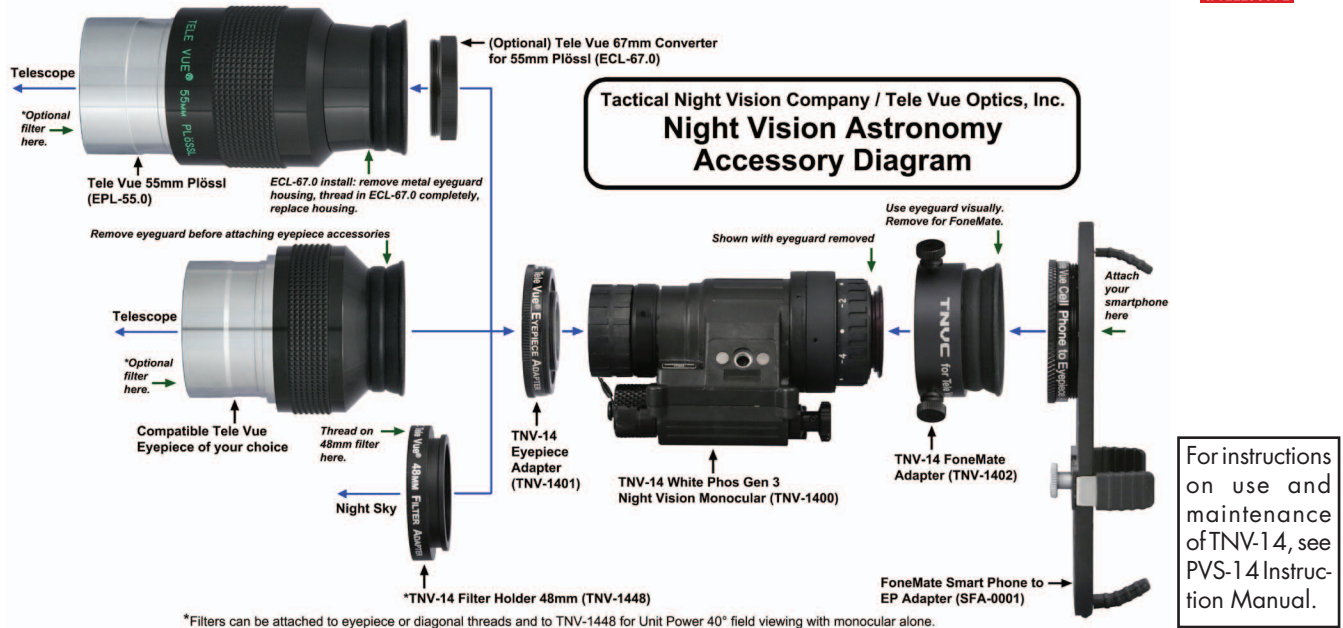


The eyepiece should be firmly attached to the Eyepiece Adapter and PVS-14 so they don't rotate.

Tele Vue / TNVC Night Vision System

The Tele Vue / TNVC Partnership

In 2017, Tele Vue Optics Inc., of Chester, NY and Tactical Night Vision Company (TNVC) of Loma Linda, CA, partnered to create a simple monocular and accessories package for the astronomical community. The resulting combination of military-grade TNV/PVS-14 Gen3 night vision monocular and Tele Vue custom eyepiece adapters resulted in positive reviews and a prestigious "Hot Products 2018" award from the editors of *Sky & Telescope* magazine.



Widefield Visual

Stand-alone monocular will deliver 1x and a 40° true field. Add the [TNV-14 Eyepiece Adapter \(TNV-1401\)](#) plus [TNV-14 Filter Holder 48mm \(TNV-1448\)](#) to the objective lens of the TNV/PVS-14, thread on a 6nm hydrogen-alpha filter and enjoy a hand-held, sweeping views of the night sky. Imagine seeing Barnard's Loop and surrounding Orion constellation in its entirety!

Widefield Imaging

To the above, add a [TNV-14 FoneMate Adapter \(TNV-1402\)](#) to the monocular's eyepiece and attach a [FoneMate smart phone mount \(SFA-0001\)](#). Now use your smartphone to capture images and video of the sky.

Telescope Use

Ready for a 3-times effective aperture boost of your telescope, elevating your portable scope to light bucket performance? The [TNV-14 Eyepiece Adapter \(TNV-1401\)](#) turns select Tele Vue eyepieces into night vision eyepieces! Simply thread the adapter onto the TNV/PVS-14's objective, attach any compatible Tele Vue eyepiece (other side) to the other end of the adapter and now you have afocal night vision from low to high power. Naturally, the larger the exit pupil, the more photons there are for the tube to multiply. So you don't want to use an eyepiece that produces too small of an exit pupil with your scope. Of course you can also image through the system with the [TNV-14 FoneMate Adapter \(TNV-1402\)](#) / [FoneMate Smart Phone to EP Adapter \(SFA-0001\)](#) combo mentioned above and your phone.

Export of Night Vision Equipment or related accessories (such as manuals) is strictly regulated by the US Department of State in accordance with the guidelines of the International Traffic in Arms Regulations (ITAR). It is a major crime to ship or carry US manufactured Gen3 night vision devices outside the borders of the United States, punishable by fines and prison sentences. Ignorance of these regulations will not hold up in court. By purchasing night vision equipment from Tele Vue Optics, you attest that you will not attempt to export or carry this night vision equipment outside the borders of the United States. Also, it is illegal to allow a non-US Citizen to look through US Gen3 Night Vision Devices, even on US soil. Again, this is a crime punishable by fines and prison sentences. If/when such items are resold, the original purchasing party must advise customers/end users of their duty to comply with U.S. export control regulations or face the possibility of severe criminal and civil fines including imprisonment if convicted. The adapter accessories on this page that can be ordered separately from the night vision monocular are not covered by ITAR restrictions.



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Tele Vue / TNVC Night Vision System

TNV/PVS-14 Warranty

TNVC Inc. lifetime warranty applies to TNV night vision devices assembled after 31 Dec. 2017. The Image Intensifier Tubes are warranted for 10 years after original date of purchase. During these periods, TNVC guarantees this product to be free from manufacturing defects in material and workmanship under normal use. In the event that a defect covered by this warranty occurs during the period stated, TNVC Inc., at its discretion, will either repair or replace the product. Such action on the part of TNVC, Inc. shall be the full extent of the company's liability, and the customer's sole and exclusive remedy. This warranty does not cover products that:

- Were used in other than normal and customary manner.
- Were misused.
- Were altered, modified, or repaired by the customer or a party other than TNVC Inc.
- Were discontinued by the manufacturer and either parts or replacement units are not available due to reasons beyond the control of TNVC Inc.

TNVC, Inc. shall not be responsible for any defects or damage that in the company's opinion, resulted from the mishandling, abuse, misuse, improper storage, or improper operation, including use in conjunction with equipment which is electrically or mechanically incompatible with or of inferior quality to the product, as well as failure to maintain the environmental conditions specified by the manufacturer. This includes using rechargeable batteries, storing the product with batteries installed, or battery compartment corrosion due to faulty battery.

Customer is hereby notified that operation of the equipment during daylight or under excessive light conditions may permanently damage the image intensifier tube. While the system is auto-gated, it is not able to withstand exposure to constant light including, but not limited to, light sources, weapon sights, laser radiation. Auto-gated Generation 3 night vision is designed to stand up to nighttime battlefield light conditions, but prolonged exposure to any light source will still cause damage.

This warranty is extended only to the original purchaser. No other warranties except for this one apply to this product, including, but not limited to written, oral, statutory, expressed or implied, including any implied warranty or merchantability or fitness for particular purpose, shall apply to this product.

Recommended Tele Vue eyepieces for Afocal Night Vision monocular

Note, the apparent field specification of the eyepiece for normal visual-only application does not apply.

Eyepiece FL (mm)	Barrel Size	TV-60 FL: 360 (mag.)	TV-76 FL: 480 (mag.)	NP101 FL: 540 (mag.)	TV-85 FL: 600 (mag.)	NP127 FL: 660 (mag.)
67mm Conv. +55mm Plössl	2"		7.2	8.1	9	9.9
Plössl 55	2"		8.7	9.8	10.9	12
Plössl 40	1 1/4"	9	12	13.5	15	16.5
Plössl 32	1 1/4"	11.3	15	16.9	18.8	20.6
DeLite 18.2	1 1/4"	19.8	26.4	29.7	33	36.3
DeLite 15	1 1/4"	24	32	36	40	44
DeLite 13	1 1/4"	27.7	36.9	41.5	46.2	50.8
DeLite 11	1 1/4"	32.7	43.6	49.1	54.5	60
DeLite 9	1 1/4"	40	53.3	60	66.7	73.3
DeLite 7	1 1/4"	51.4	68.6	77.1	85.7	94.3
DeLite 5	1 1/4"	72	96	108	120	132
DeLite 4	1 1/4"	90	120	135	150	165
DeLite 3	1 1/4"	120	160	180	200	220
Delos 17.3	1 1/4"	20.8	27.7	31.2	34.7	38.2
Delos 14	1 1/4"	25.7	34.3	38.6	42.9	47.1
Delos 12	1 1/4"	30	40	45	50	55
Delos 10	1 1/4"	36	48	54	60	66
Delos 8	1 1/4"	45	60	67.5	75	82.5
Delos 6	1 1/4"	60	80	90	100	110
Delos 4.5	1 1/4"	80	106.7	120	133.3	146.7
Delos 3.5	1 1/4"	102.9	137.1	154.3	171.4	188.6
Panoptic 41	2"		11.7	13.2	14.6	16.1
Panoptic 35	2"		13.7	15.4	17.1	18.9
Panoptic 27	2"		17.8	20	22.2	24.4
Nagler T5 31	2"		15.5	17.4	19.4	21.3
Nagler T4 22	2"		21.8	24.5	27.3	30
Nagler T4 17	2"		28.2	31.8	35.3	38.8
Ethos 21	2"		22.9	25.7	28.6	31.4
Ethos 17	2"		28.2	31.8	35.3	38.8
Ethos 13	2" & 1 1/4"	27.7	36.9	41.5	46.2	50.8



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