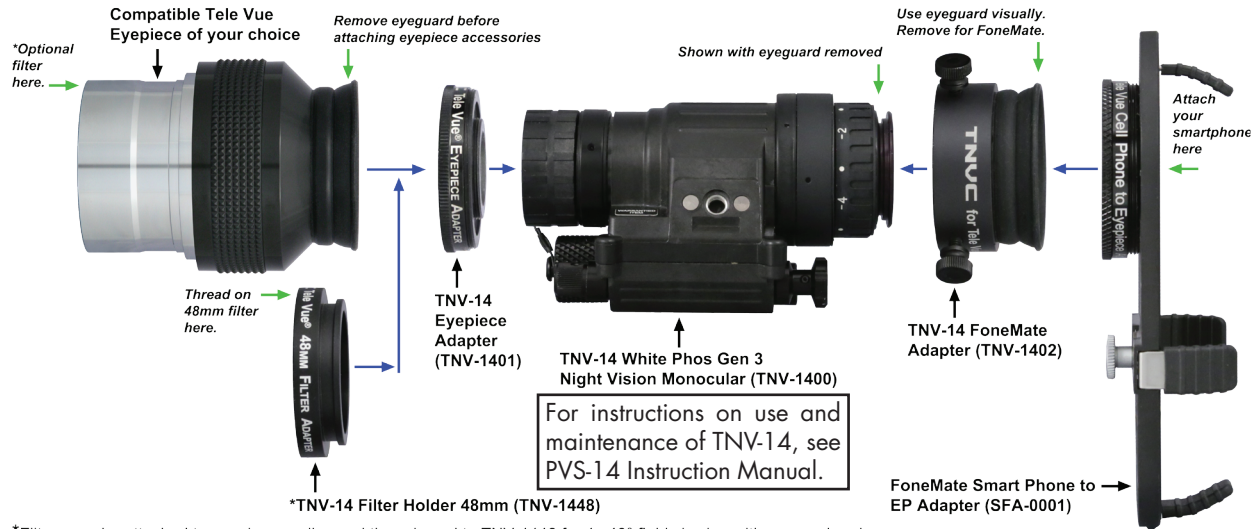


Tele Vue / TNVC Night Vision System

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.



*Filters can be attached to eyepiece or diagonal threads and to TNV-1448 for 1x 40° field viewing with monocular alone.

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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V12/16/19

Tele Vue / TNVC Night Vision System

TNV/PVS-14 Warranty

TNVC Inc. warrants this product for a term of ten (10) years after purchase date. During this period, 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.)
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