



# PROMINAR

TSN-55 PROMINAR  
55mm PURE FLUORITE CRYSTAL SERIES





# PROMINAR

PURE EXPERIENCE

PROMINAR IS GIVEN TO KOWA'S  
MOST ADVANCED AND HIGHEST  
QUALITY OPTICAL PRODUCTS.



For over 70 years, Kowa's reliable and reputable optical systems have served as the essential components in our mainstay products. By the 1950s, the Golden Age of Cinema, more than 80% of Japan's movie theatres used 35mm projectors equipped with PROMINAR lenses.

Turning a new page for the highly admired brand at the dawn of the 21st century, we elevate PROMINAR with Pure Fluorite Crystal and its incomparable optical performance.

To maximize the benefits of this material, we channel expertise and finesse to craft PROMINAR products that clear rigorous inspections before heading out into the world. We are applying superior optical design and sophisticated craftsmanship to open up a new world for PROMINAR.





## PURE FLUORITE CRYSTAL LENSES

Pure Fluorite Crystal is the ultimate optical material because it virtually eliminates chromatic aberration in the visible light range. The performance cannot be matched by an optical system composed of glass lenses. So, why do other manufacturers not adopt Pure Fluorite Crystal lenses? Working with fluorite crystal material requires extra special care and sophisticated manufacturing processes. Only a company with the experience and dedication to working with this unique material could produce an optical lens made of 100% Pure Fluorite Crystal.

Less chromatic aberration enables a shorter optical construction, which leads to smaller and lighter products. This is a great advantage for spotting scopes that must be compact, robust, and reliable when used in nature. A Pure Fluorite Crystal lens enhances a breath taking experience with the accurate colours and patterns of birds and animals in the wild.

Kowa relies on lens processing skills and technologies cultivated for over 70 years.



### MANUFACTURING & CRAFTSMANSHIP

In Soka, Saitama, Japanese manufacturing pride thrives, where PROMINAR spotting scopes are meticulously designed, crafted, and tested. Here, in the heart of the factory, Kowa's skilled artisans devote unwavering focus to crafting flawless products.



### LENS POLISHING

Crafting the perfect optical system starts with meticulous hand polishing of the delicate Pure Fluorite Crystal lenses. Each lens is expertly shaped into a spherical surface, relying on experience and intuition. After this, rigorous inspection ensures quality before coating.



### COATING TECHNOLOGY

PROMINAR lenses and prisms undergo advanced multi-layer coatings. From countless combinations, engineers select the optimal ones for peak performance. Committed to Takumi spirit, Kowa continuously enhances coating technology for PROMINAR lenses.



### PROMINAR PRISM

PROMINAR spotting scopes feature an advanced roof-type prism, offering a linear optical path and compact design. Despite the many challenges in design and processing, the prism's importance is reflected in the brand logo.



### PRODUCT ASSEMBLY

Kowa's PROMINAR scopes feature lightweight and durable bodies. Expert machine processing ensures precision shaping, while meticulous lens attachment and lubrication guarantee flawless performance. Craftspersons meticulously verify each step to uphold Kowa's standards of excellence.



### QUALITY CONTROL

Testing the optical performance falls to the factory's most skilled and experienced experts, who use exclusive technology and skills honed and passed down over generations to determine whether the finished scope is worthy of the PROMINAR name. Each scope is put through a series of stringent tests. If it does not meet their uncompromising standards, it won't go to market.



TSN-55 PROMINAR  
55mm PURE FLUORITE CRYSTAL SERIES



TRAVEL LIGHT,  
SEE BRIGHT.  
EXPLORE WITHOUT LIMITS.





TSN-55 PROMINAR  
55mm PURE FLUORITE CRYSTAL SERIES



TSN-55A PROMINAR  
ANGLED MODEL

TSN-55S PROMINAR  
STRAIGHT MODEL



Created for those who  
prioritize portability without  
sacrificing image quality.



The new Kowa TSN-55 PROMINAR spotting scope sets a new standard in compactness and lightweight design without compromising on optical performance. Featuring a ground breaking 55mm pure fluorite crystal objective lens, it delivers exceptional clarity and brightness, surpassing the capabilities of other compact scopes. This makes it the ultimate travel companion for those who prioritize portability without sacrificing image quality.





Perfection in miniature.  
Perfect performance that fits  
in the palm of your hand.

255<sup>mm</sup>

965<sup>grams</sup>



Whether embarking on an outdoor adventure or exploring new landscapes, the TSN-55 PROMINAR offers all the benefits of PROMINAR pure fluorite crystal optics, ensuring images are vivid, sharp, and true to life. Its compact size and featherweight construction make it effortlessly portable, making it the ideal choice for travellers seeking exceptional optical performance without the burden of extra weight. With the Kowa TSN-55 PROMINAR, there's no compromise on travel – just unparalleled visual experiences in a lightweight package.

	TSN-55A	TSN-55S
Length (inc. eyepiece):	255mm	275mm
Weight (inc. eyepiece):	965g	960g



Harnessing the power  
of PROMINAR fluorite  
crystal lens technology.



55  
MM

*Kowa cultivates its own fluorite crystal  
in-house and manufactures the PROMINAR  
lenses internally, ensuring meticulous control  
over quality and precision.*



One of the stand out features of the ultra-compact TSN-55 PROMINAR scope is the incorporation of a PROMINAR pure fluorite crystal 55mm objective lens. The result is a remarkably compact scope that defies its size, delivering exceptional brightness, unparalleled resolution, and true-to-life colours.

By leveraging their expertise in fluorite crystal optics and lens coating technology, Kowa has created a unique scope that not only excels in portability but also offers uncompromising optical performance, allowing users to experience the natural world with breathtaking clarity and fidelity.



Compact brilliance redefined.  
The next generation ultra portable  
PROMINAR spotting scope.



The TSN-55 PROMINAR stands as the evolutionary pinnacle of its predecessor, the TSN-550, boasting significant optical enhancements for a truly immersive nature experience. Building upon the foundation of excellence established by its predecessor, the TSN-55 PROMINAR introduces a host of innovations aimed at elevating the observing journey. With refined optical components and advanced engineering, this next-generation scope delivers unrivalled clarity, precision, and immersion.

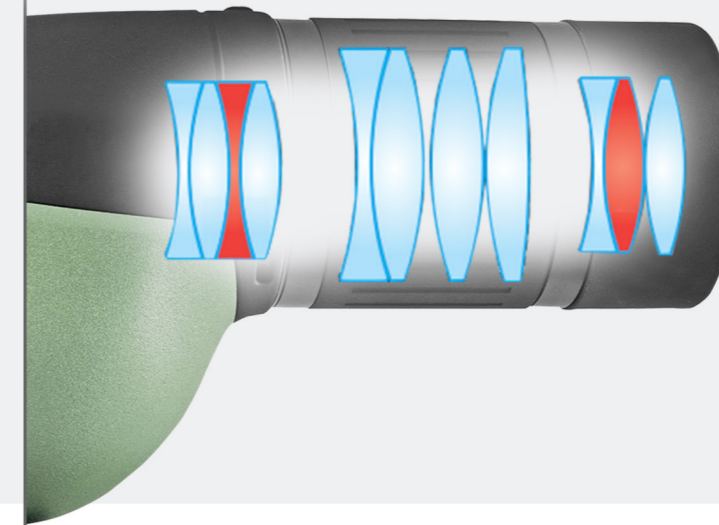


Eyepiece excellence.  
A new level of optical  
performance revealed.



17-40x  
ZOOM

WIDE-ANGLE  
ZOOM EYEPIECE



*Two Kowa high grade fluorite  
rich XD (ED) lenses are  
incorporated in to the eyepiece.*

The TSN-55 PROMINAR redefines the viewing experience by incorporating the renowned TE-11WZ II PROMINAR wide-angle zoom eyepiece, typically reserved for larger PROMINAR models. Instead of a bayonet mount, Kowa engineers seamlessly integrated the TE-11WZ II eyepiece's optical system directly into the scope body, maintaining compactness and portability. With a compact 55mm pure fluorite crystal objective lens paired with the versatile 17-40x wide angle zoom of the TE-11WZ II, this spotting scope offers Kowa's premium optical systems in an ultra-portable package.

The superior image quality of the PROMINAR pure fluorite crystal objective lens is enhanced with extra-low dispersion (ED) lenses in the eyepiece. Images are exceptionally sharp and detailed, elevating observation to new heights of clarity and precision. The TSN-55 PROMINAR sets a new standard in performance, delivering wider vistas and vivid images, perfect for enthusiasts and professionals seeking unparalleled viewing quality in a truly compact body.



Unlocking new horizons  
Wider field of view,  
Unparalleled sharpness.

NEW TSN-55 | 17X OPTICAL ZOOM



ORIGINAL TSN-550 | 17X OPTICAL ZOOM



The incorporation of the optical system of the TE-11WZ II wide zoom eyepiece significantly enhances the field of view of the scope by around 50% compared to its TSN-550 model predecessor. Users are treated to one of the most expansive and immersive wide-angle perspectives in any compact spotting scope, allowing them to capture more of the scene without compromising on image quality.

50% INCREASED FIELD OF VIEW\*

\*Approximate percentage increase comparison of field of view (degrees) between TSN-550 and TSN-55.



Elevating precision and comfort.  
Unrivalled dual-focus performance with  
Japanese craftsmanship.



*Precision dual focus.  
Perfect engineering delivering  
pin-point focus control.*



*17-40x zoom eyepiece.  
Experience the finest  
Japanese craftsmanship.*



*Smooth, twist sun-shade.  
Comfortable handling  
and intuitive operation.*



*TSN-55 PROMINAR:  
Smooth operation,  
outstanding optics,  
and effortless portability.*

The TSN-55 PROMINAR boasts a dual-focus system, combining quick and fine adjustments, to deliver flawless operation and unmatched precision in focusing. This innovative system ensures effortless control, allowing users to swiftly find focus and adapt to changing viewing conditions or hone in on intricate details with ease.

Renowned for its accuracy and celebrated by users of our larger PROMINAR spotting scopes, the dual focus system provides users with exceptional control for both observation and digiscoping endeavours. Dual focus is a fundamental, exclusive feature of PROMINAR spotting scopes.



Built tough.  
Rugged durability meets  
lightweight performance.



The new TSN-55 PROMINAR epitomizes durability, featuring a fully sealed, nitrogen-filled construction that renders it waterproof and impervious to outdoor elements. Its robust body ensures protection against harsh conditions, guaranteeing reliability in any environment.

The objective lens is fortified with Kowa's innovative KR coating, mitigating the risk of dust, dirt, and residue accumulation on the objective lens surface, thereby preserving optical clarity over time. Despite its ruggedness, the body is crafted from lightweight materials to maintain portability and ease of handling in the field.





Effortless digiscoping.  
lightweight, compact, and perfectly  
portable super telephoto system.



*Connect your smartphone to the  
TSN-55 PROMINAR with ease via  
our range of dedicated and  
universal adapters.*

The compact TSN-55 spotting scope emerges as the ultimate digiscoping companion for travellers, offering outstanding versatility and convenience. With the ability to effortlessly attach smartphones or DSLR cameras via Kowa adapters, it transforms into a super compact telephoto system ideal for capturing stunning long-range nature photos.

Perfectly suited for global travellers seeking to indulge in wildlife photography, this scope combines portability with outstanding optical performance, ensuring that no moment goes un-captured in stunning detail.

*For the photo purist who wants total  
creative camera control, DSLR and  
compact system cameras can be  
connected to the scope via the Kowa  
TSN-DA10 digiscoping adapter.*



*The user-friendly adapters streamline the  
process of connecting camera to scope,  
making them incredibly easy to set up and  
use out in the field. The TSN-55 PROMINAR's  
pure fluorite lens delivers truly impressive  
digiscoping results.*







## SUN SHADE

A smooth twist sunshade helps to eliminate glare from the sun and also reduces exposure of the objective lens to elements such as moisture, grit and sand.



## EYEPIECE CAP RETENTION CORD

The eyepiece protection cap includes a strap so that it connects to the scope body on either side to help prevent the eyepiece cap from being lost. To remove, simply un-thread the strap from the scope body or re-thread to attach.

## TRIPOD MOUNT

The standard 1/4" tripod foot underneath the scope body allows for easy and quick connection of your preferred tripod or monopod system for stable viewing out in the field or hide.



## REMOVABLE EYE-RELIEF CAP & ACCESSORY THREAD

The eye-relief cap can be unscrewed to reveal an accessory attachment thread allowing you to quickly attach digiscoping adapters and other useful accessories to enhance the scopes functionality.



## FILTER THREAD

A 58mm filter thread is situated on the scope body allowing for a protective or UV filter to be added offering enhanced protection. The sunshade can still be used even with a filter added.

We recommend using original Kowa protection filters as this ensures the perfect optical & mechanical combination with the PROMINAR spotting scopes.



## AIMING SIGHT

The twist-out sun shade features a newly designed built in aiming site which acts as a visual aid to help locate your subject more rapidly.



Essential accessories for enhancing and protecting your TSN-55 PROMINAR Spotting Scope.



The C-55N case offers excellent protection against the elements.

C-55N | Modular neoprene stay-on-case.

The C-55N case is a high-quality, perfect-fitting case designed to protect the TSN-55 PROMINAR spotting scope. Crafted with premium neoprene, this case offers exceptional protection, ensuring the scope remains safe from scratches and minor impacts. The "stay on" design allows for full operation of the scope without needing to remove the case, providing both convenience and comprehensive protection. The attention to detail and robust construction make the C-55N an excellent choice for safeguarding your TSN-55 PROMINAR.



Digiscoping with the TSN-55 PROMINAR offers an ultra compact, high quality and powerful telephoto system .

Digiscoping adapters.

Kowa offer a variety of high quality and easy to use digiscoping adapters that make the process of attaching a Smartphone or DSLR camera body to the scope body for super telephoto photography an extremely simple process.



SMARTOSCOPE VARIO

Universal smartphone adapter made from premium materials and highly engineered for quick and precise alignment connection of almost all smartphones.



RP/SA ADAPTERS

Tough and rugged dedicated smartphone adapters that offer the simplest and most convenient way to attach a smartphone to the TSN-55 PROMINAR.



TSN-DA10

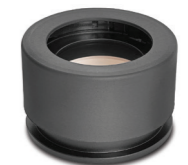
Easy to use digiscoping adapter for DSLR and compact system cameras. Adaptable to fit full frame, APSC and micro four thirds camera systems from multiple brands.

Additional protection.

For added protection in the field, a high-quality filter with Kowa's unique KR coating can be used to protect the front lens, guarding against dust, scratches, and environmental elements. Additionally, an eyepiece protection cap is available to shield the back of the scope, ensuring the eyepiece lens remains safe from damage when not in use.



TP-58FT  
58mm protection filter.



CV-88A  
Eyepiece protection cap.



The prestigious PROMINAR line-up.  
Explore Excellence in Optics with the  
PROMINAR Family.

# PROMINAR



**TSN-55 PROMINAR**  
55mm PURE FLUORITE CRYSTAL SERIES

**TSN-66 PROMINAR**  
66mm PURE FLUORITE CRYSTAL SERIES

**TSN-88 PROMINAR**  
88mm PURE FLUORITE CRYSTAL SERIES

**TSN-99 PROMINAR**  
99mm PURE FLUORITE CRYSTAL SERIES

The definitive ultra compact travel scope.

High performance optics with a compact and portable body.

The best all-rounder, perfect balance of optical performance and size.

Large objective model for superior low light performance.

	TSN-55A	TSN-55S
Length (inc. eyepiece):	255mm	275mm
Weight (inc. eyepiece):	965g	960g

	TSN-66A	TSN-66S
Length (inc. eyepiece):	365mm	380mm
Weight (inc. eyepiece):	1500g	1520g

	TSN-88A	TSN-88S
Length (inc. eyepiece):	397mm	411mm
Weight (inc. eyepiece):	1840g	1860g

	TSN-99A	TSN-99S
Length (inc. eyepiece):	433mm	449mm
Weight (inc. eyepiece):	2175g	2200g

TSN-66/88/99 requires TE-11WZII or TE-80XW eyepiece.

The new TSN-55 PROMINAR marks the latest addition to Kowa's esteemed series of pure fluorite crystal PROMINAR scopes, renowned for their exceptional optical quality and precision engineering. While the TSN-55 boasts a compact form, it stands proudly alongside its counterparts featuring larger objective lenses. This series of PROMINAR scopes caters to diverse needs and preferences, offering a range of options to suit varying magnification requirements and environmental conditions.

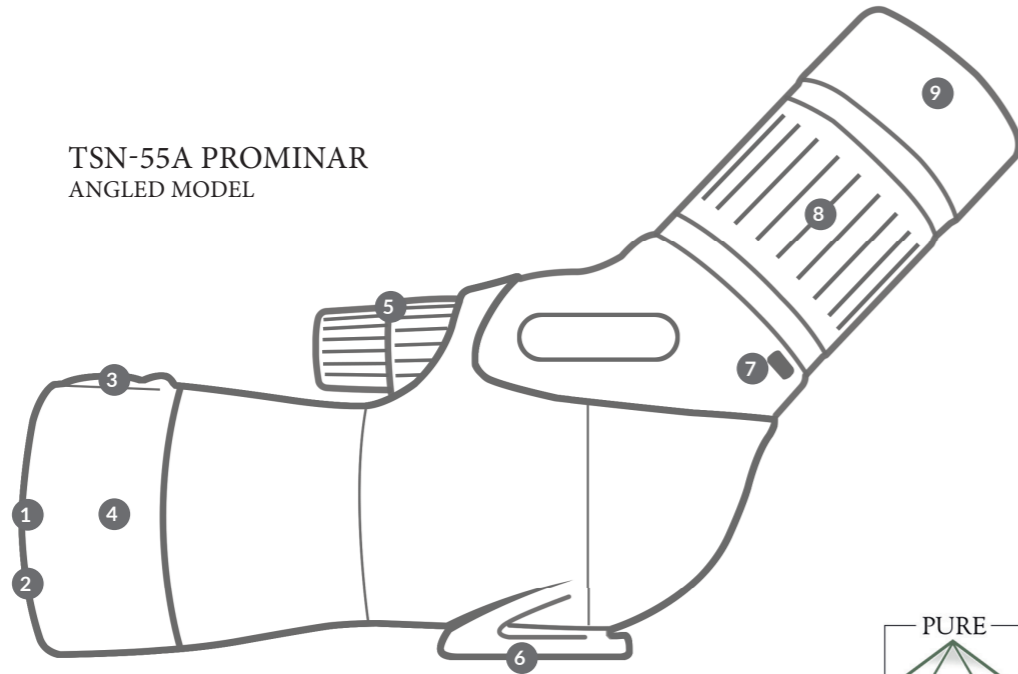
Whether opting for the compact and portable TSN-55 or selecting one of the larger objective lens models with superior low-light performance, users can expect the same uncompromising dedication to optical excellence, exquisite engineering and rugged durability that define the PROMINAR series. With each scope meticulously crafted to deliver unparalleled performance, discerning enthusiasts can confidently explore the world of nature observation and photography with clarity and precision.



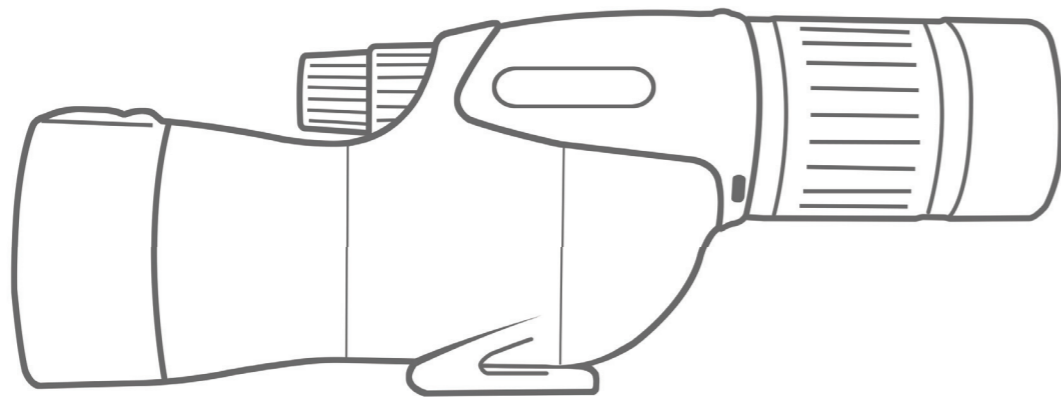
# TSN-55 PROMINAR

55mm PURE FLUORITE CRYSTAL SERIES

TSN-55A PROMINAR  
ANGLED MODEL



TSN-55S PROMINAR  
STRAIGHT MODEL



1. 55mm objective lens
2. 58mm filter thread
3. Aiming site
4. Twist sun shade
5. Dual focus (quick/fine)
6. Tripod shoe
7. Eyepiece cap thread holder
8. 17-40x Wide angle zoom
9. Eye-relief cap

## SPECIFICATION



	<i>TSN-55A (Angled)</i>	<i>TSN-55S (Straight)</i>
Objective Lens Effective Diameter:	55mm	
Objective Lens Material:	Fluorite crystal	
Field of View:	3.64~2.0°	
Field of view at 1,000m:	64~35m	
Minimum Focusing Distance:	2.8m	
Magnification:	17-40x	
Length (inc. eyepiece):	255mm	275mm
Weight (inc. eyepiece):	965g	960g
Eye-relief:	17mm	
Filter thread:	58mm	



TSN-55 PROMINAR  
55mm PURE FLUORITE CRYSTAL SERIES



TRAVEL LIGHT,  
SEE BRIGHT.  
EXPLORE WITHOUT LIMITS.





Follow the journey at: [www.linktr.ee/kowaoptics](http://www.linktr.ee/kowaoptics)



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