

Specifications

[GENESIS Series]

Model	GENESIS44 8.5x	GENESIS44 10.5x	GENESIS33 8x	GENESIS33 10x
Magnification	8.5x	10.5x	8x	10x
Objective Lens Effective Diameter	44mm		33mm	
Minimum Focusing Distance	1.7m (5.5 feet)		1.5m (5.0 feet)	
Real Field of View	7.0°	6.2°	8.0°	6.8°
Exit Pupil Diameter	5.2mm	4.2mm	4.1mm	3.3mm
Relative Brightness	27.0	17.6	16.8	10.9
Twilight Factor	19.3	21.5	16.4	18.2
Eye Relief	18.5mm	16.0mm	15.0mm	15.0mm
Field of view at 1000m/yds	122m/yds	108m/yds	140m/yds	119m/yds
Dimensions (Length x Width x Height)	165x138x64mm (6.5x5.4x2.5in)	165x138x64mm (6.5x5.4x2.5in)	133x126x51mm (5.1x4.7x2.0in)	133x126x51mm (5.1x4.7x2.0in)
Weight	940g (33.2oz)	960g (33.9oz)	590g (20.8oz)	590g (20.8oz)

[BD Series]

Model	BD56-8XD	BD56-10XD	BD56-12XD	BD42-8XD	BD42-10XD	BD32-8XD	BD32-10XD	BD25-8GR	BD25-10GR
Magnification	8x	10x	12x	8x	10x	8x	10x	8x	10x
Objective Lens Effective Diameter	56mm			42mm		32mm		25mm	
Minimum Focusing Distance	3.0m			1.5m (5.0 feet)		1.5m (5.0 feet)		1.8m (6.0 feet)	
Real Field of View	6.0°	5.9°	5.5°	7.5°	6.2°	7.5°	6.0°	6.3°	5.0°
Exit Pupil Diameter	7.0mm	5.6mm	4.7mm	5.3mm	4.2mm	4.0mm	3.2mm	3.1mm	2.5mm
Relative Brightness	49.0	31.4	22.1	28.1	17.6	16.0	10.2	9.6	6.3
Twilight Factor	21.2	23.7	25.9	18.3	20.5	16.0	17.9	14.1	15.8
Eye Relief	23.0mm	18.0mm	16.0mm	19.0mm	18.0mm	17.0mm	15.0mm	16.0mm	18.0mm
Field of view at 1000m/yds	106m	104m	97m	131m/yds	108m/yds	131m/yds	105m/yds	110m/yds	87m/yds
Dimensions (Length x Width x Height)	67x148.5x66.5mm (6.6x5.8x2.6in)	165x148.5x66.5mm (6.5x5.8x2.6in)	164x148.5x66.5mm (6.5x5.8x2.6in)	132x126x51mm (5.2x5.0x2.0in)	132x126x51mm (5.2x5.0x2.0in)	122x118.5x47.5mm (4.8x4.6x1.8in)	118x118.5x47.5mm (4.6x4.6x1.8in)	111x107x39mm (4.4x4.2x1.5in)	111x107x39mm (4.4x4.2x1.5in)
Weight	1050g (37.0oz)			660g (23.3oz)	655g (23.1oz)	560g (9.7oz)	530g (18.7oz)	320g (11.3oz)	320g (11.3oz)

[SV Series/YF Series]

Model	SV Series								YF Series	
	SV50-10	SV50-12	SV42-8	SV42-10	SV32-8	SV32-10	SV25-8	SV25-10	YF30-6	YF30-8
System	Roof Prism Central Focusing System								Porro Prism Central Focusing System	
Magnification	10x	12x	8x	10x	8x	10x	8x	10x	6x	8x
Objective Lens Effective Diameter	50mm		42mm		32mm		25mm		30mm	
Minimum Focusing Distance	5.5m (18feet)		4.0m (13.1feet)		2.0m (6.6feet)		1.5m (4.9feet)		5.0m (16.4feet)	
Real Field of View	5.0°	4.8°	6.3°	6.0°	7.8°	6.0°	6.2°	6.5°	8.0°	7.5°
Exit Pupil Diameter	5.0mm	4.2mm	5.3mm	4.2mm	4.0mm	3.2mm	3.1mm	2.5mm	5.0mm	3.8mm
Relative Brightness	25.0	17.6	28.1	17.6	16.0	10.2	9.6	6.3	25.0	14.4
Twilight Factor	22.4	24.5	18.3	20.5	16.0	17.9	14.1	15.8	13.4	15.5
Eye Relief	19.5mm	15.5mm	19.5mm	15.5mm	15.5mm	16.0mm	15mm	12mm	20.0mm	16.0mm
Field of view at 1000m/yds	87m/yds	84m/yds	110m/yds	105m/yds	136m/yds	105m/yds	108m/yds	114m/yds	140m/yds	131m/yds
Interpupillary Distance	58.5 72mm	58.5 72mm	58.5 72mm	58.5 72mm	58.5 72mm	58.5 72mm	55 73mm		50 70mm	50 70mm
Dimensions (Length x Width x Height)	178x133x60mm (7.0x5.2x2.4in)	176x133x60mm (6.9x5.2x2.4in)	174x128x56mm (6.9x5.0x2.2in)	172x128x56mm (6.9x5.0x2.2in)	138x124x50mm (5.4x4.9x2.0in)	140x124x50mm (5.5x4.9x2.0in)	104x108x42mm (4.1x4.2x1.6in)		160x114x48mm (6.3x4.5x1.9in)	160x114x48mm (6.3x4.5x1.9in)
Weight	740g (26.1oz)	745g (26.3oz)	665g (23.5oz)	670g (23.6oz)	565g (19.9oz)	570g (20.1oz)	260g (9.1oz)		470g (16.5oz)	475g (16.7oz)

[HIGH LANDER Series]

Model	HIGH LANDER BL8J1 (with standard eyepiece mounted)	HIGH LANDER PROMINAR BL8J3 (with standard eyepiece mounted)
Objective Lens Effective Diameter	82mm	
Objective Lens	Normal Lens	Fluorite Crystal Lens
Minimum Focusing Distance	20m (65.6 feet)	
Dimensions(Length x Width x Height)	425x240x152mm (16.9x9.4x5.9 in)	
Weight	6.2kg (14 lbs)	
Filter Thread*	95mm	

*Possible to mount commercially available filters.

[HIGH LANDER Series Eyepieces]

Model	Standard Eyepiece	TE-21WH (Option)	TE-9WH (Option)
Magnification	32xWIDE	21xWIDE	50xWIDE
Real Field of View	2.2°	3.0°	1.3°
Exit Pupil Diameter	2.6mm	3.9mm	1.6mm
Relative Brightness	6.8	15.2	2.6
Twilight Factor	51.2	41.5	64.3
Eye Relief	20.0mm	17.0mm	15.0mm
Field of view at 1000m/yds	38m/yds	52m/yds	23m/yds

[Landscape BL-8H]

Magnification	20x	Viewing Height	1600mm or 1350mm
Objective Lens Effective Diameter	80mm	Battery	Lithium DC 3V (1pce.)
Field of View	3°	Viewing Time	60, 90, 100, 120 or 150 sec.
Exit Pupil Diameter	4.0mm	Usable Coin	as requested
Diopter	-0.75D(fixed)	Operation	One opening per one coin
Interpupillary Distance	66mm	Max. receipt of coin	500 coins
Elevation	30°	Dimensions (Length x Width x Height)	1680x230x425mm
Depression	30°	Weight	Approx.31kg
Rotation	360°		

Accessories



KB1-MT
Tripod adapter for binoculars
Available Binoculars:
GENESIS 33
BD56 XD
BD42 XD
BD32 XD
SV50/42/32 Series



TSN-HS
Harness Strap
This cannot be used for the SV25, BD25 and YF Series.



BINOCULARS CATALOG

Precautions for use | For correct and safe use of this product:

Before using the product, be certain to carefully read the instruction manual. Do not under any circumstances use this product to look at the sun, since this may result in loss of eyesight.

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Pure Experience

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Kowa Brand cherished by outdoor enthusiasts around the world - a testament to quality.

The Electronics & Optics business of Kowa began the production of spotting scopes in 1952. Originally, they were developed as scopes for examining targets in shooting matches and saw official use in the 1964 Olympics Games held in Tokyo. Once discovered by birdwatchers, they gained unexpected popularity which gradually spread throughout the world of nature observation. Kowa Sporting Optics are highly appreciated as it is widely known that their quality and reliability are the result of more than half a century of experience and development. Kowa's larger aperture models enjoy a large market share in Europe and North America.

PROMINAR

The Prominar line which includes models utilizing pure fluorite crystal to achieve optical characteristics unattainable with glass, is the gold standard of serious users.

Based on our experience that optics have to travel and endure all types of adverse environmental conditions, Kowa Sporting Optics are designed to be rugged yet lightweight, without compromising optical performance. The shapes of our products and their protective covers are ergonomically designed to optimize ease of use, and Eco-Glass is utilized in all lenses. Kowa offers a wide variety of products that provide quality optical performance for the outdoor enthusiast. Whether you are a beginner or an experienced professional, Kowa has the right spotting scope or binocular that will exceed your expectations.

* Eco-Glass is an environmentally friendly glass that does not contain lead or other harmful substances.



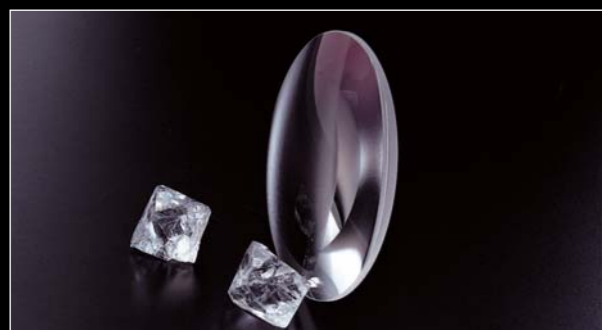
White-tailed Eagle / Antoni Kasprzak
Image selected as category winner/highly commended in the Birdwatch Digital Photography Awards 2006, sponsored by KOWA

OPTICAL TECHNOLOGY

FC Fluorite Crystal Lenses

Fluorite crystal is an ideal lens material with "ultra-low dispersion" properties not possessed by ordinary optical glass. This outstanding feature almost completely reduces the chromatic aberration (color blur) that occurs in the design of long focal length lenses. These fluorite crystal lenses, manufactured with Kowa's advanced processing technology that was acquired over many years, provide users with the ultimate viewing experience.

Applicable models: HIGH LANDER



XD XD Lenses

Kowa's branded XD Lenses (eXtra-low Dispersion glass which has characteristics close to fluorite crystal), when combined with a concave lens possessing special dispersion properties, reduces a very high percentage of chromatic aberration (color blur). Their performance nearly matches Kowa's flagship models which utilize fluorite crystal lenses.

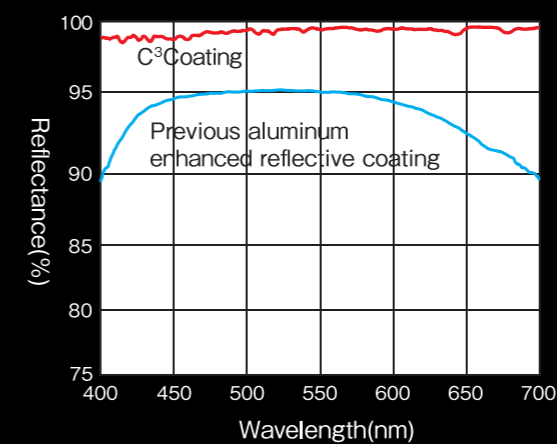
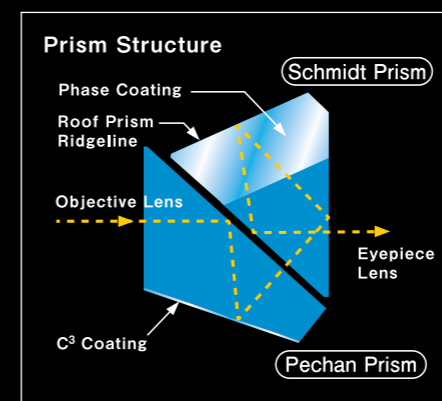
Applicable models: GENESIS Series & BD-XD PROMINAR Series



C³ C³ Coating

Kowa's roof prism binoculars use a Schmidt-Pechan prism. One surface of the Pechan prism does not provide total reflection, so a highly reflective C³ coating has been applied. This allows for higher reflectivity than with silver or optically enhanced aluminum which offers a 99% or higher reflectance across the entire visible spectrum (400-700nm). This not only provides bright and sharp images but also accurate color reproduction.

Applicable Models: GENESIS Series, BD Series



MB Magnesium Alloy Body

A magnesium alloy body is formed using advanced thixomolding technology. Advanced thixomolding technology provides the benefits of a high strength metal body but in a lightweight magnesium alloy structure. The durability and reliability of these binoculars can withstand the most severe conditions which provide users the greatest degree of confidence.



Applicable Models: GENESIS 44, BD32 XD PROMINAR Series

KR KR Coating

Kowa's KR coating protects the lenses from dirt and other foreign residue that may affix to the lenses during normal use. Even in cases where the lens is accidentally touched, fingerprints or oil can easily be removed through proper lens cleaning methods.

Applicable Models: GENESIS Series, BD42 /32 XD PROMINAR Series, SV Series, YF Series

Other Functions

PC Phase Coating

Phase coated roof prism-The Schmidt prism roof surface is phase corrected to ensure sharp images and outstanding contrast.

Applicable models: GENESIS Series, BD Series, SV Series

MC All-surface Multicoating

Multi-coated Optical System provides precise color definition for a brighter and sharper image.

Applicable to all models

WP Waterproof structure filled with dry nitrogen gas

The housing is waterproof and filled with dry nitrogen gas which prevents internal fogging.

* Not intended for underwater use.

Applicable to all models

TW Twist-up Eyecup

Twist-up multi-step eyecups allow easy viewing even when wearing eyeglasses.

Applicable to all models

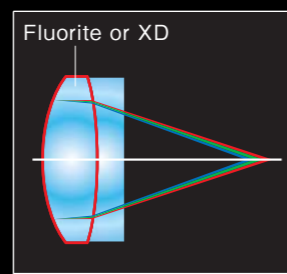
Chromatic Aberration



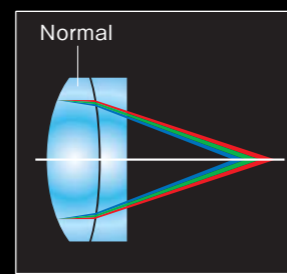
Fluorite crystal or XD Lenses



Normal Lenses



Fluorite crystal or XD Lenses



Normal Lenses



GENESIS Series

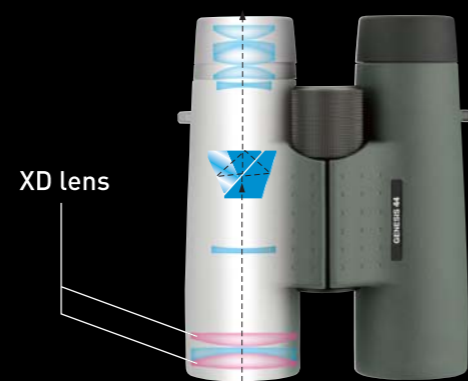
Seeking a world of binoculars without chromatic aberration.
Flagship model incorporating XD lenses.

Model incorporating "PROMINAR" XD lenses

The Genesis Series incorporates Kowa's "PROMINAR" lenses. To attain the highest pinnacle of binocular performance, a total of 4 XD lenses (2 sets of 2 lenses) are utilized in the objective end of the binoculars. This significantly reduces chromatic aberration and provides high contrast in the field of view.

Other features

- C³ Coating
- Schmidt Prism Phase Coating
- Diopter Locking Mechanism
- Waterproof Structure Filled with Dry Nitrogen Gas



GENESIS 44 PROMINAR

GENESIS 33 PROMINAR

GENESIS 44 PROMINAR Series

XD C³ MB KR PC MC WP TW

High Refractive Index Prism

The prism system of the Genesis delivers a wide field of view and edge to edge sharpness with minimal loss of light. This high refractive roof prism (Bak4 + SK15) offers near total reflectance and when combined with Kowa's proprietary C³ coating, delivers the clearest and sharpest image.

GENESIS44 PROMINAR
8.5x44

GENESIS44 PROMINAR
10.5x44

GENESIS 33 PROMINAR Series

XD C³ KR PC MC WP TW

Multi-coated Optical System and Wide Angle Design.

C³ Multi-coatings provide precise color definition and deliver optimal images. The wide angle eyepiece design of the Genesis Series has increased the field of view of the 8x by 28% (420 feet at 1,000 yards) and the 10x by 14% (360 feet at 1,000 yards) compared to the 32mm Kowa BD binocular series.

GENESIS33 PROMINAR
8x33

GENESIS33 PROMINAR
10x33



BD Series

Advanced optical performance in a compact body.
High quality models incorporating a high performance.

These binoculars offer a high optical performance comprising bright and clear images, high resolution, and high contrast. They are easy to use and are perfect for outdoor observation. The high quality models can satisfy the requirements from beginners to experienced users with depictions of faithfully reproduced scenes of the outdoors. Their lightweight and compact bodies do not tire users even after long periods of use.

"PROMINAR" XD lenses* Utilization of "C³ Coating"

This is technology for enhancing the prism reflection rate. By reducing the amount of light lost, a brighter and clearer field of view is attained.

Multi-coating processing applied to all lenses and prism surfaces

Due to the multilayer coating applied to all lenses and prisms, a bright and clear field of view is delivered.

Other features

- Use of phase-coated prism surface
- Close minimum focusing distance
- Use of twist-up eyecup for easy viewing
- Rubber coating that is comfortable for holding
- Waterproof structure filled with dry nitrogen gas



BD56/42/32XD PROMINAR Series

XD C³ PC MC WP TW

BD-XD Prominar binoculars with a full range of specifications that can be used in all conditions in the outdoors. The XD lenses and bright wide field of view delivers sharp images without chromatic aberration.

BD56-8XD PROMINAR 8×56	BD56-12XD PROMINAR 12×56	BD42-8XD PROMINAR 8×42 MB KR	BD32-8XD PROMINAR 8×32 KR
BD56-10XD PROMINAR 10×56	BD42-10XD PROMINAR 10×42 MB KR	BD32-10XD PROMINAR 10×32 KR	

BD25 Series

C³ PC MC WP TW

These binoculars are lightweight and very portable so they are ideal for traveling, hiking and kayaking. When out in the field with photographic equipment, these compact binoculars are ideal.

BD25-8GR 8×25	BD25-10GR 10×25
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SV/YF Series

High-performance models that are widely applicable to the whole range of outdoor activities.

Cost Effective with Superior Optical Performance.

All lenses and prisms of the SV and YF series are fully multi-coated. Even though costs were reduced through simultaneous product development and the implementation of an objective focus mechanism [SV 32/42], the superior optical performance was maintained without sacrificing critical features like being waterproof and filled with dry nitrogen gas.

Newly utilized Kowa's "KR Coating" allows for easy maintenance.

Kowa's "KR Coating" is applied to the eyepiece and objective lenses. Due to the coating's dirt-resistant properties, these binoculars are easy to maintain.

Other features

- Stylish design that is extremely easy to hold
- Lightweight body that makes you want to use its large-diameter lenses
- Waterproof structure filled with dry nitrogen gas



SV50/SV42/SV32/SV25 Series

PC MC WP TW

These full-scale Schmidt prism type binoculars are cost effective and offer superior optical performance. Depressions placed in the rubber armour make it easy to grip and hold the binoculars. Additionally, the lightweight design allows for extended use in the field. The SV50 in particular is an ultra-lightweight 750g [26.5oz] model despite having a large 50mm objective lens which enables you to enjoy the brightness of a high quality, heavier binocular.

SV50-10 (10×50) KR	SV42-8 (8×42) KR	SV32-8 (8×32) KR	SV25-8 (8×25)
SV50-12 (12×50) KR	SV42-10 (10×42) KR	SV32-10 (10×32) KR	SV25-10 (10×25)

YF30 Series

KR MC WP TW

The YF lineup comprises of 30mm objective lenses and magnifications of 6x and 8x. The optical design and wide field of view make them extremely easy to use. They are perfect for first time users. With a weight under 500g [17.6 oz] and an interpupillary distance between 50-70mm, the YF Series is also ideal for children.

YF30-6 (6×30)	YF30-8 (8×30)
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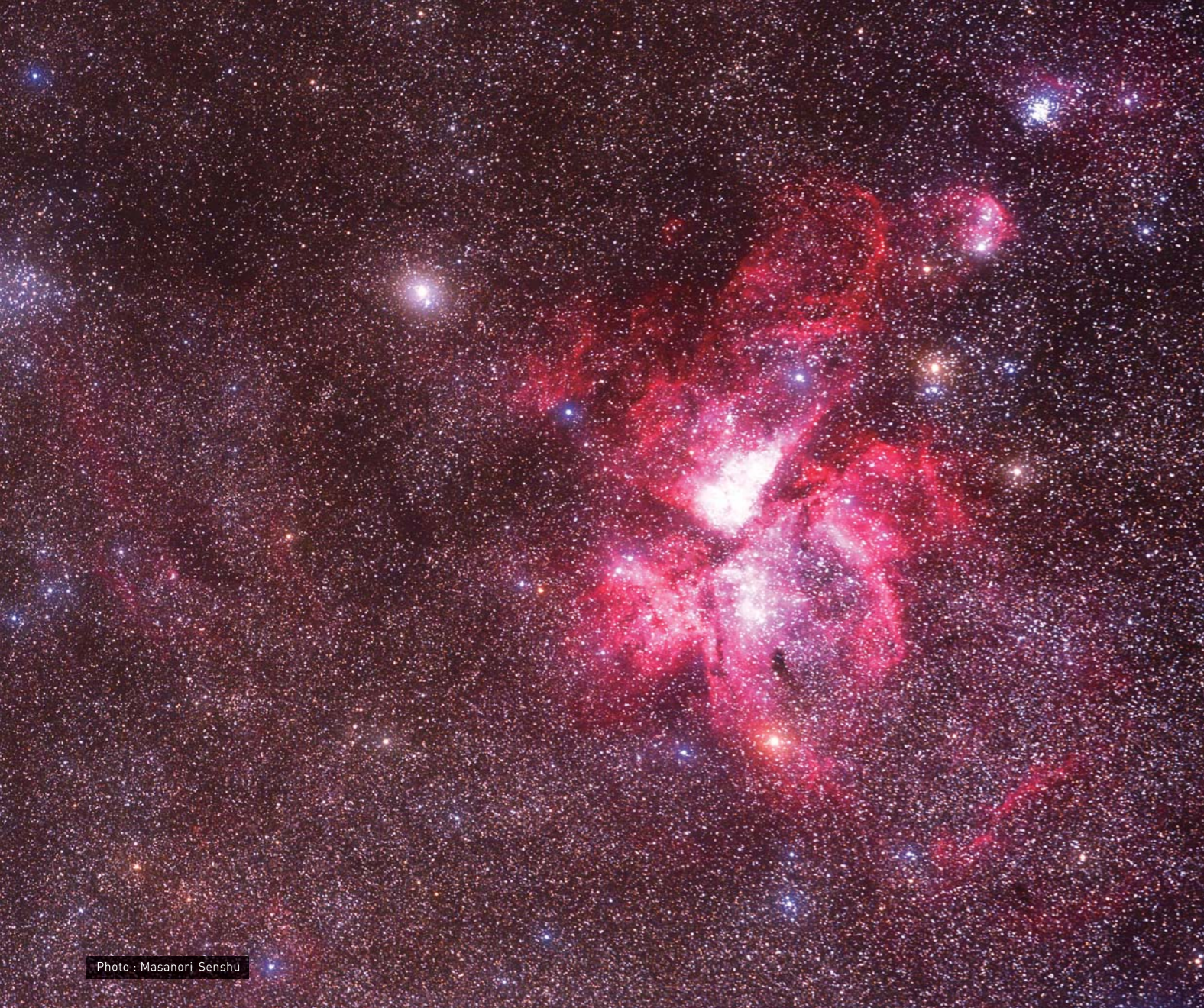


Photo : Masanori Senshu

FC MC WP TW

HIGH LANDER

The large objective lenses, optical precision, and exceptional brightness are ideal for wildlife and astronomical observation. These are the ultimate large binoculars.

Extended high magnification observation is comfortable with eye fatigue free viewing due to the stereoscopic effect of binocular vision. Large 82mm diameter objective lenses have excellent light gathering capabilities and provide a bright field of view with edge to edge distortion free viewing.

High-end "PROMINAR" Model with Fluorite Crystal Lenses

The PROMINAR model [BL8J3] uses fluorite crystal in the objective lenses which delivers higher optical performance.

Fully multi-coated lenses

All lenses, prisms, and dustproof glass are fully multi-coated ensuring a clear visual range and sharp images.

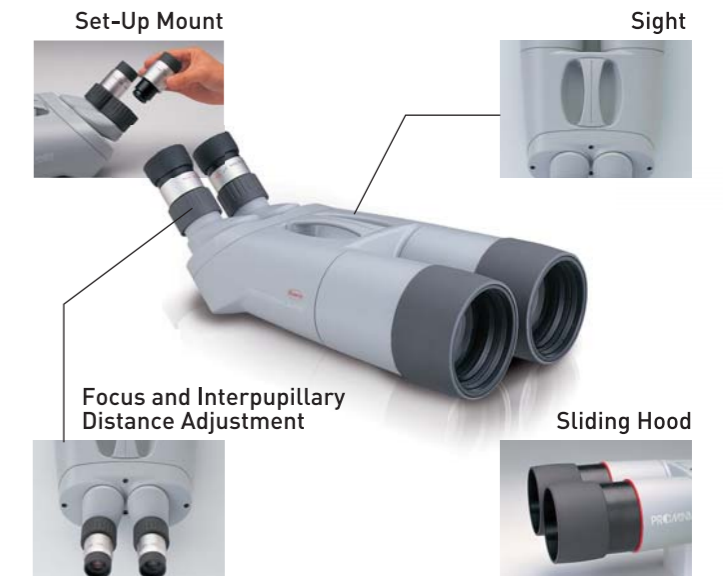


BL8J3 HIGH LANDER PROMINAR Fluorite Crystal Lens

BL8J1 HIGH LANDER Normal Lens

Other features

- Outstandingly durable and functional body
- Completely waterproof design filled with dry nitrogen gas
- 32x wide angle eyepieces provided as standard



Eyepieces (Sold separately)



TE-21WH 21xWIDE



TE-9WH 50xWIDE

Accessories



BL8J-AC Dedicated Aluminum Case
Weight: 3.4kg



Dedicated Wooden Tripod & Dedicated Center Mount Set

BL8J-TP Wooden Tripod (with level)
Weight: 7kg
Extended Length: 162cm
Minimum Length: 102cm

BL8J-MT Center Mount
Weight: 2.7kg

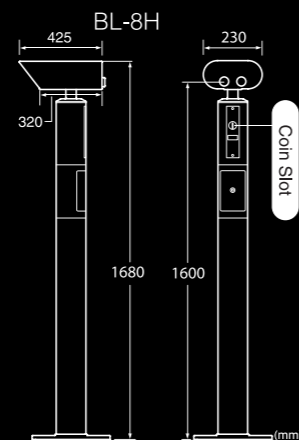


TP-95FT Protect Filter



COIN-OPERATED BINOCULAR

- Large diameter objective lenses for bright and sharp images.
- Viewing time and coin type set to required specifications.
- Simple installation and dismantling for easy relocation.
- Rugged and waterproof structure for use in all outdoor conditions.
- Environmentally Friendly Eco-Glass



BL-8H

LANDSCOPE™ BL-8H
20x80

Ocular Lens Side

Installation of the base

To secure the base of the binoculars, install 1/2" diameter 6 bolts at the points shown in the diagram to the left. Leave 1.5" of the bolt exposed, place the base over the bolts and tighten the nuts on the bolts.

Digiscoping System



TSN-IP4S

iPhone 4/4s digiscoping holder

TSN-IP5

iPhone 5/5s/SE digiscoping holder

TSN-IP6

iPhone 6/6s digiscoping holder

TSN-GA4S

Samsung Galaxy S4 digiscoping holder

TSN-GA5S

Samsung Galaxy S5 digiscoping holder



With the available adapter rings you can digiscope with any pair of Kowa binoculars by simply pushing the adapter ring onto the binocular eye relief cap.

Transform your iPhone 4/4s, 5/5s/SE, 6/6s or Samsung Galaxy S4/S5 into a super telephoto lens.

Now you can combine the high quality camera and HD video functions of these smartphones with the power and legendary quality of a Kowa spotting scope or binocular to create an ultra compact, high quality super telephoto lens.

It couldn't be easier to start taking highly magnified images or HD video with your iPhone/Galaxy and Kowa optic via the Kowa TSN-IP4S, TSN-IP5, TSN-IP6, TSN-GA4S or TSN-GA5S digiscoping holder.

KOWA BINOCULAR SERIES	MODELS	ADAPTER RING
GENESIS	GENESIS44	TSN-AR44GE
	GENESIS33	TSN-AR33GE
	BD56-8XD	TSN-AR56-8
BD	BD56-10/12XD	TSN-AR56-10/12
	BD42XD	TSN-AR42XD
	BD42	Included
	BD32XD	TSN-AR32XD
	BD32	Included
	BD25	TSN-AR25BD
SV&YF	YF30	Included
	SV32	Included
	SV42	Included
	SV50	Included
KOWA HIGHLANDER BINOCULAR	EYEPIECE	ADAPTER RING
HIGHLANDER	TE-21WH(21x)	TSN-AR66HL
	TE-14WH(32xwide)	TSN-AR66HL
	TE-9WH(50x)	TSN-AR66Z