We open the world of imagination.

Kenko

OUTDOOR OPTICS

BIRDING

SPORTS

OUTDOOR

TRAVEL

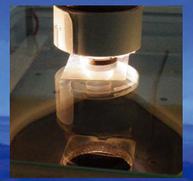
EVENTS

ASTRONOMY

About Kenko

As one of the world's largest manufacturer of binoculars, Kenko has the experience and refined manufacturing techniques to produce high-quality, multi-coated and phase coated glass optics that yield bright, sharp and clear viewing under a wide variety of conditions. You may not know the name but Kenko Company is a well-established manufacturer with decades of experience in the product of outdoor optics.

THE PRODUCTION PROCESS OF KENKO BINOCULARS



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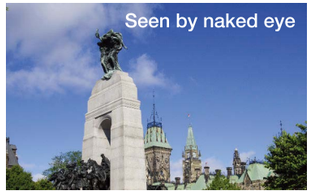
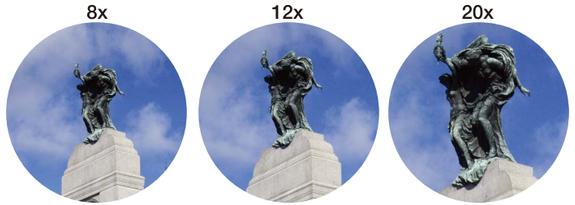
How Binoculars Work

Magnification

All binoculars are described by using a two-number code, such as 8x42. Magnification, or power, refers to the first number, including the x. Magnification expresses the degree to which the object observed will be magnified. For example, with 7x binoculars you will see your target object 7 times closer than seen by the naked eye.
Some binoculars are described with a magnification range, for example 7~15x35. These are called zoom binoculars, and let you choose the magnification power according to what the watching scene requires.





Magnification is one of the important features to consider when choosing binoculars. In most cases, any magnification within the range of 7x to 12x will be a good one. With higher magnification, most likely you won't be able to hold the binoculars steady enough and the images will be in constant movement. This may be extremely frustrating when observing faint objects like galaxies or nebulae (but using a tripod or binoculars with vibration control will get rid of this problem).

Aperture and Objective Lens Effective Diameter

The second number in the two-number code is the aperture (from Latin aperire – "to open"). This is the most important specification in binoculars, as it determines the light gathering ability of your binoculars. Aperture represents the diameter of each of the binoculars' objective lenses (i.e. the furthest lenses from your eyes), usually given in millimeters. For example, an 8x42 binoculars model have 42mm diameter objective lenses.
Binoculars with large diameter objective lenses will be fundamental in some observation scenarios, such as for star watching or astronomical purposes, when a high light gathering ability is required.

Field of View

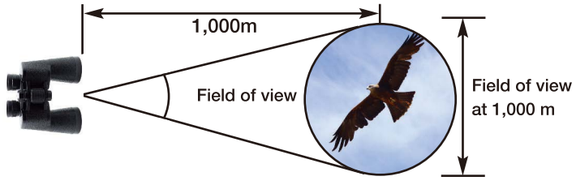
The Field of View (FOV) is the area of sky or land seen through your binoculars, determined by the design of the instrument's optics. FOV is usually expressed in two ways: as width in meters at 1000 meters or as field in degrees.

Apparent Field of View

The Apparent Field of View is the angle of the magnified field you see through binoculars. The higher its value, the wider the field of view, the higher the magnification you can get. Apparent Field of View can be easily calculated multiplying the real field of view by the binoculars magnification. When using this formula, apparent field of view wider than 65° will be considered as "wide apparent field of view".

Field of View at 1000m

Field of View at 1000 m is the width of the visible area at a distance of 1000 meters, which can be seen without moving the binoculars. Binoculars with wide field of view are of great help to catch moving targets, like birds etc., quickly and easily.



How Binoculars Work

EXIT PUPIL

If you divide the objective lens diameter by the magnification, you will get a number approximately between 4 and 8. This number is called exit pupil and represents the diameter of the beam of light that leaves the eyepiece when you hold a pair of binoculars with its objectives pointed towards a source of light. For example, 8x42 binoculars have an exit pupil diameter of 42/8 = about 5mm in diameter. Ideally, the exit pupil of your binoculars should be equal or slightly smaller than the pupil of your dark-adapted eyes. In this way, binoculars deliver the maximum amount of light and produce the brightest image possible for their aperture. Average young adults in dark night light conditions have pupils open about 7 mm. It means that any binoculars with exit pupil larger than 7mm will only waste light, as only the center of the light beam could enter the eyes. As we get older, our eyes dilate less, so the exit pupil size we need decreases to around 5mm.

BRIGHTNESS

The greater the relative brightness is, the brighter the image will be. You can calculate relative brightness value by squaring the diameter of the exit pupil. For example, 8x42 binoculars' brightness will be $(42 \div 8)^2 = 28.1$. This means that, at same magnification value, the larger the effective diameter of the objective lenses, the brighter the image.

SHORTEST FOCUSING DISTANCE

The shortest focusing distance is the distance to the nearest point that can be focused when looking through binoculars.
Generally, binoculars are used to make distant objects appear closer. However, you may also want to enjoy images from a close distance, such as when appreciating works of art or observing plants and insects. In this case, the shorter the focus distance of binoculars, the more the details you will see. Minimum shortest focusing distance range of binoculars usually goes from 1 to 2 meters.

EYE RELIEF

Eye relief is the distance behind the eyepiece lenses at which the image is in focus, and indicates how far the binoculars can be held from your eyes and still allow you to see the entire apparent field of view. In general, the longer the focal length of an eyepiece, the greater is the eye relief. Standard binoculars have eye relief ranging from only a few millimeters to 25 millimeters or more. Long eye relief is especially necessary for eyeglass wearers, because glasses increase the distance between the lens and your eyes. Also, in case your eyeglasses correct only for near or farsightedness, you can simply take them off and refocus the binoculars to compensate.

PRISM TYPE

Roof, or Dach ("roof" in German), prism binoculars feature a straight optical path, with the benefit of a slim and compact body.
The first prism of this roof system has one surface that does not feature total internal reflection, thus resulting in some light loss. To minimize this loss it is necessary to apply coating on the surface to raise reflectivity. Also, to produce the roof surface of the second prism, which delivers sharp images without a double image or flare, highly advanced technology to process its edge precisely is required.
Porro prism binoculars are named after the Italian optician Ignazio Porro who, in 1854, patented this double prism Z-shaped configuration as a new image erecting system. The benefit of folding the optical path is that the physical length of the binoculars will result inferior to the focal length of the objectives. Also, the resulted wider spacing between the objectives gives a better depth sensitivity of the image.

PORRO

ROOF

ICON EXPLANATION

PP PORRO PRISM	Porro prism type binoculars. These binoculars make use of 90 degrees prisms to turn the image the right way up. It offers great optical quality at the cost of a big size and weight.
RP ROOF PRISM	Roof prism type binoculars. These binoculars make use of a roof-shaped double-prism system to reflect the light and turn the image the right way up. Designed to let the light go in a straight line from the objective lens to the eyepiece lens, this type is more slim and small in size compared to the porro type.
BP BaK4 PRISM	These binoculars make use of a BaK4 prism that grants a higher reflective strength and provides a brighter and sharper image.
FULL MC MULTI COATED	Full multi-coated. All the lenses and prisms surfaces are multi-coated to reduce light loss.
MC MULTI COATED	Multi coated. Glass-to-air surface of the lens are multi coated to reduce light.
MA MAGENTA COATED	Magenta coated. Monolayer coating to reduce light loss.
PC PHASE COATED	Phase-coated. Special coating to correct phase shift in roof prism binoculars. It guarantees better image resolution and contrast.
W WIDE	Binoculars with an apparent field of view of 65 degrees* or higher. *New standards set it at 60 degrees or higher.

Z ZOOM	Zoom binoculars allow changing the magnification while observing a target object.
C CENTER	Center diopter adjusting system. In these binoculars models the diopter adjusting ring is mounted right before the focus ring for an easier use.
HE HIGH EYE RELIEF	High eye relief. Models with 15mm or greater eye relief. A high eye relief prevents eyestrain in case of prolonged use, and provides a large field of view, without vignetting, even when wearing glasses.
TU TWIST-UP	Twist-up eyecups, easy and comfortable to use even for people wearing glasses.
RE RUBBER EXTERIOR	Rubber exterior, shock resistant and easy to grip.
WP WATER PROOF	Waterproof design that prevents water to leak inside the lens barrel even when dampened with rain or snow.
FF FREE FOCUS	Binoculars models with a fixed focus distance that do not require manual focusing adjustments.
AS ASPHERICAL LENS	The use of aspherical lenses in these binoculars assures low distortion through the whole area of the image, and prevents eye strain even after hours of continuous use.

CHOOSE YOUR BINOCULARS

The right binoculars for each scenario

Hiking and Travelling

Light, compact and waterproof binoculars are mostly suggested for these outdoor activities, so to properly face bad weather conditions, like snowy or rainy days.

Suggested Binoculars:

VcSmart series, Kenko series, UltraVIEW EX series, SG series, UltraVIEW series, Mirage series.

Birdwatching

Binoculars with 7x to 8x magnification and good relative brightness are the best choice for bird watchers. A wide field of view will also help to find your target birds easier and quickly.

Suggested Binoculars:

VcSmart series, Kenko series, UltraVIEW EX series, UltraVIEW series, Mirage series.

Concerts and Outdoor events

Compact pairs of binoculars with magnification from 6x to 8x and a good relative brightness will be of great help when observing under dark or low light conditions.

Suggested Binoculars:

VcSmart series, Miyabi series, SG series, UltraVIEW series, Galleryeyes series, Real Scope 8x20, Range Finder KLR-600 A.

Sports watching

To watch sport matches, like baseball or football matches, the best would be binoculars with magnification from 7x to 10x, and with a wide field of view.Zoom type binoculars will also allow changing magnification according to the watching scene.

Suggested Binoculars:

VcSmart series, Artos series, UltraVIEW EX series, UltraVIEW Zoom series, Mirage series.

Star Watching

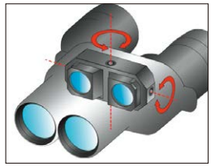
For astronomical purposes, a pair of binoculars with a large objective lens diameter of 40mm or more, and with wide exit pupil is the best choice. Waterproof types are also mostly suggested.

Suggested Binoculars:

VcSmart series, Kenko series, UltraVIEW EX 8x42 DH and 10x42 DH, Artos 8x42 OS, Mirage 10x50 OS.

VcSmart eyes

The smallest and lightest pair of binoculars with Vibration Control System.



Optical Vibration Control Technology.

Sliding switch lever.

12 hours of continuous usage.

Lightweight and extremely compact 14x and 10x magnification pair of binoculars with high-performance Vibration Control system.
Their optical Vibration Control technology is designed to provide firm and stable viewing even at high magnification and without using tripods, making these binoculars perfectly suitable in a wide range of situations –traveling,sport matches, concerts –and activities, from nocturnal starry sky to daytime nature observations. Compared to other similar models, these binoculars'wider field of view, long eye relief, fully multi-coated optics and up to 12 hours of constant power assure and excellent performance both indoors and outdoors.

- Stabilization freedom ±3°
- Sliding switch lever.
- Full multi-coating.
- Easy to hold, lightweight and compact design.
- Long eye relief and twist-up eyecups.
- Case and strap included.

NEW

10x30

4961607 031940

14x30

4961607 031957

RP ROOF PRISM · BP BaK4 PRISM · FULL MC MULTI COATED · PC PHASE COATED · TU TWIST-UP · RE RUBBER EXTERIOR

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
10x30	5.2°	90.8m	9	3.5m	515g	147x51x124mm
14x30	4.4°	76.8m	4.4	3.5m	515g	147x51x124mm

Ultra-flat 6x and 8x binoculars with aspherical lens, particularly suitable to enjoy theatre and concert shows.

Ultra-lightweight body.

Easy to adjust eyes width.

Flat and compact design.

MIYABI (Japanese for "elegance") binoculars come with an ultra-flat, compact and distinctively elegant design that makes them the most practical and fashionable choice to enjoy your favorite theatre or concert shows. Their smart design and slim body make them easy to be carried around even within a shirt pocket or small purse.

- Flat compact design and ultra-lightweight body. Aspherical lens for a rectangular field of view.
- Dielectric full multi-coating.
- Easy to adjust eyes width.
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
6x16 (bright silver)	9.1°	114x159m	6.2	1m	118g	73x22x89mm (extended length:106mm)
8x18 (rouge red)	7°	86x122m	3.9	2m	118g	73x22x89mm (extended length:106mm)

NEW

6x16 (bright silver)

4961607 065778

8x18 (rouge red)

4961607 065785

RP ROOF PRISM · AS ASPHERICAL LENS · FULL MC MULTI COATED · PC PHASE COATED

Kenko

Premium roof prism binoculars with superior optical performance, durability, shock resistance and outstanding grip sensation. The ultimate choice for those customers who want to enjoy the highest grade of watching experience.

Phase coated roof prism with reflective silver coating.

Fully multi-coated lenses for maximum light transmission and brightness.

Fully waterproof and nitrogen filling to avoid fogging even in the worst weather condition.

The list of the outstanding features for these binoculars makes them a treasure to own. These binoculars offer a wide field of view and deliver perfect, brilliant clarity through their fully multi-coated optics. Their phase coated roof prisms are also provided with a super-high reflective silver coating for higher contrast and brighter images. Their lightweight, magnesium die-cast body houses the finest fusion in optical and mechanical design. The rubber exteriors make these binoculars shock resistant and provides a secure, non-slip grip. Their high eye-point design provides longer eye relief when wearing glasses as well.

- 32mm diameter body and wide field of view.
- Magnesium housing.
- Multi-coated optics, phase coated prisms with super-high reflective silver coating.
- Easy to use twist-up eye cups.
- Shock resistant, easy to grip rubber exterior.
- Large focus ring for precise and easy adjustments.
- Waterproof performance: up to 1m depth (10min), as for JISB7261 (ISO9022-8) rest with an estimated 7 IPX (10 min).
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
8x32 DH MS	7.5°	131.1m	16	2.5m	560g	116x52.7x129mm
10x32 DH MS	6.5°(wide)	113.5m	10.2	2.5m	560g	116x52.7x129mm

RP ROOF PRISM · FULL MC MULTI COATED · PC PHASE COATED · W WIDE · HE HIGH EYE RELIEF · TU TWIST-UP · RE RUBBER EXTERIOR · WP WATER PROOF

8x32 DH MS

4961607 010983

10x32 DH MS

4961607 010990

ultraVIEW EX

High performance full multi-coated roof prism binoculars in a lightweight body. Enjoy these high-grade binoculars at sport events, bird watching or outdoor trips.

Fully multi-coated lenses for maximum light transmission and brightness.

Fully waterproof and nitrogen filling to avoid fogging even in the worst weather conditions.

Large easy to use center focus ring for extremely durable and lightweight glass-fiber reinforced poly-carbonate body.

ULTRA LIGHTWEIGHT bird-watching binoculars. Only 455g! The world's lightest* pair of 8x32 binoculars AVAILABLE!

*as of 01/01/2016, according to Kenko researches.

The easy grip of the open hinge design body with the compactness of the 32mm objective lens models. With reinforced lightweight plastic body and waterproof specifications, these models can be used out in the fields with no worries.

- **Dielectric multi-layer prism coating**
- Waterproof performance: up to 1m depth (10min), as for JISB7261 (ISO9022-8) rest with an estimated 7 IPX (10 min).
- Lightweight reinforced plastic body.
- Large and easy to use focus ring.
- Case and strap included.

COMING SOON

OP 8x32 DH III

4961607 001387

OP 10x32W DH III

4961607 001394

RP ROOF PRISM · FULL MC MULTI COATED · PC PHASE COATED · TU TWIST-UP · RE RUBBER EXTERIOR · WP WATER PROOF · ULTRA LIGHTWEIGHT

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
OP 8x32 DH III	7.5°	131.1m	16	2.5m	455g	138x52x127.3mm
OP 10x32W DH III	6.5°	113.5m	10.2	2.5m	470g	138x52x127.3mm

Lightweight in 42mm class binoculars. Due to the full multi-coated prisms and lenses these binoculars are equipped with, constrast is increased for a brighter and sharper vision during your observations. Their open hinge design perfecly fit in your hand, the solid rubber exterior assures a firm grip and their reinforced plastic body guarantees durability without compromising their light body. Completely waterproof, these binoculars can be safely used out in the fields in the the most adverse weather conditions.

- **Dielectric multi-layer prism coating**
- Waterproof performance: up to 1m depth (10min), as for JISB7261 (ISO9022-8) rest with an estimated 7 IPX (10 min).
- Dielectric full multi-coated.
- Lightweight reinforced plastic body.
- Large and easy to use focus ring.
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
OP 8x42 DH III	7.5°	131.1m	28.1	3.5m	610g	166.5x138x57.5mm
OP 10x42 DH III	6°	104.8m	17.6	3.5m	610g	166.5x138x57.5mm

COMING SOON

OP 8x42 DH III

4961607 331002

OP 10x42 DH III

4961607 001349

ULTRA LIGHTWEIGHT

RP ROOF PRISM · FULL MC MULTI COATED · PC PHASE COATED · HE HIGH EYE RELIEF · TU TWIST-UP · RE RUBBER EXTERIOR · WP WATER PROOF

These 42mm objective full multi-coated and phase coated roof binoculars provide a bright and clear field of vision. The center focusing adjustment system grants a quick, easy and precise adjustment.

- Waterproof performance: up to 1m depth (10min), as for JISB7261 (ISO9022-8) rest with an estimated 7 IPX (10 min).
- Silver prism deposition coating.
- Large and easy to use focus ring.
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
8x42 DH	7.5°	131m	27.6	2.5m	660g	131x51x148mm
10x42 DH	6°	105m	17.6	2.5m	650g	131x51x148mm

8x42 DH

4961607 002766

10x42 DH

4961607 002773

RP ROOF PRISM · FULL MC MULTI COATED · PC PHASE COATED · C CENTER · HE HIGH EYE RELIEF · TU TWIST-UP · RE RUBBER EXTERIOR · WP WATER PROOF

Artos

Standard and classic style porro prism binoculars series featuring a full waterproof and shock resistant easy to grip body. The high eye relief and the twist-up eyecups make them perfect for outdoor sports event or ideal for general use.

Fully waterproof and nitrogen filling to avoid fogging even in the worst weather conditions.

Wide Field of View.

Classic style.

Since its release, the Artos series had received great appreciation. Their high resistance to water make these models especially fitted to be used out on the fields, and to be used with no worries even under a sudden rain. Artos binoculars are particularly suited for bird-watching but are also valid for night-time astronomical observations.

- Waterproof performance: up to 1m depth (10min), as for JISB7261 (ISO9022-8) rest with an estimated 7 IPX (10 min).
- Large and easy to use focus ring.
- Durable die-cast aluminum body.
- Can be mounted on a tripod by using an optional mount adapter holder, for long time observations.
- Branded case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
8x42	8.2°	143.4m	27.6	5.5m	770g	138.5x73x176mm
10x42	6.6°	115.3m	17.6	5.5m	770g	138.5x73x176mm
12x42	5.5°	96.1m	12.3	5.5m	770g	138.5x73x176mm
7x50	6.5°	113.6m	50.4	10m	880g	165x77x185mm
10x50	6.6°	115.3m	25	8.2m	880g	165x77x185mm
12x50	5.5°	96.1m	17.6	7.5m	880g	165x77x185mm

PP PORRO PRISM · BP BaK4 PRISM · MC MULTI COATED · TU TWIST-UP · RE RUBBER EXTERIOR · WP WATER PROOF

8x42
4961607 211601

10x42
4961607 021170

12x42
4961607 021187

7x50
4961607 021194

10x50
4961607 211984

12x50
4961607 021217

ultraVIEW

These multipurpose standard binoculars offer great versatility for your general usage.

Large focus ring for precise and easy adjustments.

Multi-coated glass-to-air lens surfaces to reduce light loss.

Fully waterproof and nitrogen filling to avoid fogging even in the worst weather condition.

Standard 30mm objective lens models with great compactness. These waterproof models can be used out in the fields with no worries.

- Fully waterproof and nitrogen filling to avoid fogging even in the worst weather conditions.
- Waterproof performance: up to 1m depth (10min), as for JISB7261 (ISO9022-8) rest with an estimated 7 IPX (10 min).
- Large and easy to use focus ring.
- Can be mounted on a tripod by using an adapter (sold separately).
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
6x30 WP	8.3°	145.1m	25	3m	450g	117x60x160mm
8x30 WP	7°	122.3m	14.1	3m	450g	117x60x160mm
10x30 WP	5.5°	96.1m	9	3m	460g	117x60x160mm

PP PORRO PRISM
MC MULTI COATED
HE HIGH EYE RELIEF
TU TWIST-UP
RE RUBBER EXTERIOR
WP WATER PROOF

6x30 WP
4961607 020395

8x30 WP
4961607 020401

10x30 WP
4961607 020418

ultraVIEW ZOOM

These standard grade multipurpose zoom models let you choose the magnification power that best suits your needs.

Large focus ring for precise and easy adjustments.

Zoom change the magnification by yourself whenever you need.

Multi-coated glass-to-air surfaces of the lenses reduce light loss.

These standard grade multipurpose zoom models let you choose the magnification power that best suits your needs. The zoom handling makes use of an eyepiece lever one-touch system. The low zoom ratio makes observation possible to some extent in low light conditions.

- Can be mounted on a tripod by using a mount adapter holder (sold separately).
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
7-15x35 zoom	5.6-3.7°	97.8-64.6m	25-5.8	10m	700g	130x77x168mm
8-20x50 zoom	4.5-2.9°	78.6-50.6m	39-6.2	10m	900g	185x77x180mm

PP PORRO PRISM
MA MAGENTA COATED
RE RUBBER EXTERIOR
Z ZOOM

7-15x35 zoom

4961607 002803

8-20x50 zoom

4961607 002810

ultraVIEW DH BINOCULARS

Compact and colorful roof binoculars with a bright view and sharp vision ideal for concerts. Limited edition.

Available in 6x or 8x magnification power and in a wide range of colors, these binoculars' optics have a full multi-coating applied to offer a bright view and sharp vision that is particularly ideal for concerts. Their aluminum die-cast body comes in a lightweight and compact design that makes these binoculars easy to carry in your bag or pocket.

- Excellent and stable operations with low blurring.
- Durable, compact and lightweight body.
- Can be mounted on a tripod by using an optional mount adapter holder, for long time observations.
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
6x21 DH FMC(Blue)	8.5°	148.6m	12.3	3m	200g	110x91x37mm
6x21 DH FMC (Green)	8.5°	148.6m	12.3	3m	200g	110x91x37mm
6x21 DH FMC (White)	8.5°	148.6m	12.3	3m	200g	110x91x37mm
8x21 DH FMC(Purple)	6.4°	111.8m	6.8	3m	190g	112x87x37mm
8x21 DH FMC (Red)	6.4°	111.8m	6.8	3m	190g	112x87x37mm
8x21 DH FMC(Yellow)	6.4°	111.8m	6.8	3m	190g	112x87x37mm

NEW

6x21 DH FMC (Blue)
4961607 020883

6x21 DH FMC (Green)
4961607 020890

6x21 DH FMC(White)
4961607 029004

8x21 DH FMC (Purple)
4961607 020913

8x21 DH FMC (Red)
4961607 209202

8x21 DH FMC (Yellow)
4961607 020937

RP ROOF PRISM | FULL MC MULTI COATED | TU TWIST-UP

SG

Foldable two-axis binoculars models suitable for a wide range of applications, including travelling, concerts and theater shows.

Foldable and extremely compact binoculars in a two-axis body equipped with a roof type prism that prove to be extremely useful and convenient in a wide range of situations, from day trips to any outdoor event like sport matches, concerts, etc. The external part of these binoculars is covered in elastomer, making them further resistant to shocks or accidental impacts compared to regular plastic. All these features make SG binoculars convenient in use, easy to carry and reliable.

- Two-axis roof prism for a compact and collapsible body.
- Elastomer covering.
- Center focus for easy and simultaneous adjustments.
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
8x21 DH II	7.2°	125.8m	6.8	3.5m	206g	93x37x106mm
10x24 DH	5.6°	97.8m	5.8	3.5m	274g	115x40x110mm
12x24W DH	5.6°(wide)	97.8m	4	4m	275g	115x40x110mm

8x21 DH II
4961607 020647

10x24 DH
4961607 020654

12x24W DH
4961607 020661

RP ROOF PRISM | MA MAGENTA COATED | W WIDE *only 12X24W DH SG model

SG EX

Binoculars with high waterproof performance in a compact, stylish and easy to carry body.
Clear and sharp field of view perfect for outdoor trips, travels and events.

The open hinge design and compact light body of these binoculars make them easy and comfortable to hold even with just one hand.
Their lenses and prisms are full multi-coated for a clear and bright vision of your target object.
Their high performing water resistance makes these binoculars can be used safely even in bad weather conditions.

- Full multi-coated glass-to-air lenses' surfaces to reduce light loss.
- Fully waterproof to be used in the worst weather conditions.
- Compact and stylish body.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
OP 8x26 WP	7.0°	122m	10.9	2.5m	276g	118x38.6x115.5mm
OP 10x26 WP	5.6°	98m	6.8	3m	280g	118x38.6x115.5mm
OP 8x34 WP	7.1°	124m	17.6	3m	422g	130.5x45.3x270mm
OP 10x34 WP	6.0°	105m	10.9	3m	430g	130.5x45.3x270mm

COMING SOON

OP 8x26 WP
4961607 122105

OP 10x26 WP
4961607 012222

OP 8x34 WP
4961607 912102

OP 10x34 WP
4961607 022108

RP ROOF PRISM | FULL MC MULTI COATED | TU TWIST-UP | RE RUBBER EXTERIOR | WP WATER PROOF

These compact roof binoculars perform a high resistance to water, thus being suitable in the most demanding and different situations. By applying a full multi-coating not only on all glass-to-air lens surfaces but also on the transmitting surfaces of the prism, light loss is extremely reduced and a higher transmittance granted. The high eye-point design and twist-up eyecups assure a comfortable long time observation.

- Waterproof performance: up to 1m depth (10min), as for JISB7261 (ISO9022-8) rest with an estimated 7 IPX (10 min).
- Full multi-coating for high light transmittance and low light loss.
- Comfortable high eye-point and twist-up eyecups.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
8x25 DH WP	6.6°	115.3m	9.6	3m	340g	109x43.5x117m
10x25 DH WP	5.4°	94.3m	6.25	3m	340g	109x43.5x117m

NEW

8x25 DH WP
4961607 712108

10x25 DH WP
4961607 812105

RP ROOF PRISM | FULL MC MULTI COATED | TU TWIST-UP | RE RUBBER EXTERIOR | WP WATER PROOF

These porro binoculars perform a clear and sharp vision due to their full multi-coated prisms and lenses. Their high eye-point design and twist-up eyecups also make long time observations comfortable. Being waterproof, these binoculars are extremely versatile in any situation.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
8x25 WP	6.7°	117m	9.8	2.3m	350g	119x50x109mm
10x25 WP	5.6°	98m	6.3	2.3m	350g	119x50x109mm

NEW

8x25 WP
4961607 512104

10x25 WP
4961607 612101

PP PORRO PRISM | BP BaK4 PRISM | FULL MC MULTI COATED | TU TWIST-UP | RE RUBBER EXTERIOR | WP WATER PROOF

A foldable two-axis roof binoculars model, full multi-coated for a clear and sharp field of view.
Their fixed focusing distance frees you from worrying about focusing, thus making these binoculars also suitable for beginners.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
7x18 DH FFWP	9.3°	163m	6.75	7m	142g	83x31x110mm

NEW

7x18 DH FFWP
4961607 012239

RP ROOF PRISM | FULL MC MULTI COATED | FF FREE FOCUS | W WIDE | RE RUBBER EXTERIOR | WP WATER PROOF

Mirage

Entry-level porro binoculars suitable for people starting their nature watching experience.

Entry-level in classic design and solid body.

Center focus ring for simultaneous adjustments.

Can be mounted on a tripod by using an optional mount adapter holder.

These entry-level binoculars are our recommended choice for people starting their nature watching experience.

- Can be mounted on a tripod by using an adapter holder (sold separately).
- Large and easy to use focus ring.
- Branded case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
8x30	8.2°	143.4m	14.1	3.6m	550g	108x55x180mm
8x42	6.8°	118.8m	27.6	5.5m	650g	140x57x190mm
7x50	6.8°	118.8m	50.4	8m	790g	167x65x198mm
10x50	6.5°	114m	25	6m	790g	167x65x198mm
12x50	5.5°	96.1m	17.6	12m	810g	162x65x185mm
16x50	3.5°	61.1m	9.7	10.7m	820g	167x65x185mm

PORRO PRISM MAGENTA COATED

8x30
4961607 021101

8x42
4961607 021118

7x50
4961607 021125

10x50
4961607 021132

12x50
4961607 021149

16x50
4961607 021156

MONOCULARS

A compact body for an outstanding portability.
Various models available, from scopes to range finders for every situation.

So small and compact they can be carried in your pocket, these monoculars come in a comfortable to grip body and elegant design and color.
Their rubber eyecup can be folded, thus guaranteeing observation without vignetting even when wearing glasses.
The perfect monoculars to carry with you at art galleries and museums, as you can use them widely, from art pieces observation to small letters or guide boards reading.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
Galleryeye 4x12	12°	210.2m	9	0.19m	53g	Ø31x63mm
Galleryeye 6x16	9.3°	162.7m	7.3	0.25m	61g	Ø31x75mm

NEW

Galleryeye 4x12
4961607 001400

Galleryeye 6x16
4961607 001417

FULL MC MULTI COATED

A monocular model for both short and long range observations. Its 8x magnification makes it convenient in a wide range of applications and watching situations.
Particularly suitable for art galleries and museums, as you can use it widely, from art pieces observation to small letters or guide boards reading.
Its rubber eyecup can be folded, thus guaranteeing observation without vignetting even when wearing glasses.

- Rotating eyecup for close to long range focusing.
- Foldable rubber eyecup for vinget-free observation when wearing glasses.
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
Real Scope 8x20	6.8°	120m	6.2	0.3m	112g	34x98m

Real Scope 8x20
4961607 100943

FULL MC MULTI COATED

Particularly suitable for golf enthusiasts, this range finder monocular can instantly measure distance up to 600m with one push on its button. In addition to linear distance, it can also calculate the standard distance to be hit, angle, height and distance between two points based on height difference.

- Class 1 laser product (IEC 60825-1:2014)
- Instant measurement button
- Dustproof and waterproof according to IP54 standards, for a safe use even when wet in the rain.
- Stylish body with rubber exterior and easy-grip with one hand.
- 5 measurement modes installed and easy to select. - CR2 lithium battery DC3V ×1 (not included)
- Case and strap included.

Model	Field of view (Degrees)	Field of view at 1000m	Brightness	Shortest focusing distance	Weight	Size
Laser Range Finder KLR-600A	6°	104.8m	7.3	5m	220g	118x77x41mm

Laser Range Finder KLR-600A
4961607 477847

RP ROOF PRISM MC MULTI COATED

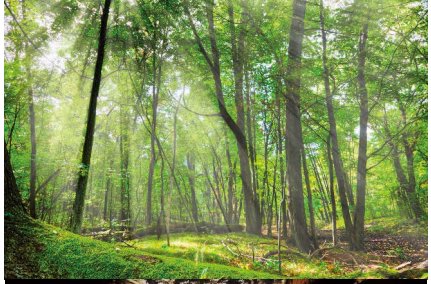
Technical data table

Model	Magnification	Objective Lens Effective Diameter	Coating	Field of View	Apparent Field of View	Field of View at 1000m	Exit Pupil Diameter	Brightness	Eye Relief	Shortest Focusing Distance	Weight	Size	Country of Production	Product Number	Page
VcSmart 10x30	10x	30mm	Full multi-coating	5.2°	48.8°*	90.8m	3mm	9	14mm	3.5m	515g	147x51x124mm	China	4961607 031940	12
VcSmart 14x30	14x	30mm	Full multi-coating	4.4°	56.5°*	76.8m	2.1mm	4.4	14mm	3.5m	515g	147x51x124mm	China	4961607 031957	12
MIYABI 6x16	6x	16mm	Full multi-coating	9.1°	51°*	114x159m	1.8x2.7mm	6.2	11.4mm	1m	118g	73x22x89mm (extended length:106mm)	Philippines	4961607 065778	13
MIYABI 8x18	8x	18mm	Full multi-coating	7°	52.1°*	86x122m	1.4x2.3mm	3.9	11.4mm	2m	118g	73x22x89mm (extended length:106mm)	Philippines	4961607 065785	13
Kenko 8x32 DH MS	8x	32mm	Full multi-coating	7.5°	60°	131.1m	4.0mm	16	15.3mm	2.5m	560g	116x52.7x129mm	Japan	4961607 010983	15
Kenko 10x32 DH MS	10x	32mm	Full multi-coating	6.5°	65°	113.5m	3.2mm	10.2	15.3mm	2.5m	560g	116x52.7x129mm	Japan	4961607 010990	15
UltraVIEW EX OP 8x32 DH III	8x	32mm	Full multi-coating	7.5°	55.3°*	131.1m	4.0mm	16	14.8mm	2.5m	455g	138x52x127.3mm	Philippines	4961607 001387	16
UltraVIEW EX OP 10x32 DH III	10x	32mm	Full multi-coating	6.5°	59.2°*	113.5m	3.2mm	10.2	14.8mm	2.5m	470g	138x52x127.3mm	Philippines	4961607 001394	16
UltraVIEW EX OP 8x42 DH III	8x	42mm	Full multi-coating	7.5°	55.3°*	131.1m	5.3mm	28.1	18mm	3.5m	610g	166.5x138x57.5mm	Philippines	4961607 331002	17
UltraVIEW EX OP 10x42 DH III	10x	42mm	Full multi-coating	6°	55.3°*	104.8m	4.2mm	17.6	17mm	3.5m	610g	166.5x138x57.5mm	Philippines	4961607 001349	17
UltraVIEW EX 8x42 DH	8x	42mm	Full multi-coating	7.5°	60°	131m	5.25mm	27.6	19mm	2.5m	660g	131x51x148mm	Philippines	4961607 002766	17
UltraVIEW EX 10x42 DH	10x	42mm	Full multi-coating	6°	60°	105m	4.2mm	17.6	14mm	2.5m	650g	131x51x144mm	Philippines	4961607 002773	17
Artos 8x42	8x	42mm	Multi-coating	8.2°	59.7°*	143.4m	5.3mm	27.6	17mm	5.5m	770g	138.5x73x176mm	Philippines	4961607 211601	19
Artos 10x42	10x	42mm	Multi-coating	6.6°	59.9°*	115.3m	4.2mm	17.6	16mm	5.5m	770g	138.5x73x176mm	Philippines	4961607 021170	19
Artos 12x42	12x	42mm	Multi-coating	5.5°	59.9°*	96.1m	3.5mm	12.3	16.5mm	5.5m	770g	138.5x73x176mm	Philippines	4961607 021187	19
Artos 7x50	7x	50mm	Multi-coating	6.5°	43.4°*	113.6m	7.1mm	50.4	18.1mm	10m	880g	165x77x185mm	Philippines	4961607 021194	19
Artos 10x50	10x	50mm	Multi-coating	6.6°	59.9°*	115.3m	5mm	25	15.5mm	8.2m	880g	165x77x185mm	Philippines	4961607 211984	19
Artos 12x50	12x	50mm	Multi-coating	5.5°	59.9°*	96.1m	4.2mm	17.6	15.8mm	7.5m	880g	165x77x185mm	Philippines	4961607 021217	19
UltraVIEW 6x30 WP	6x	30mm	Multi-coating	8.3°	47.0°*	145.1m	5.0mm	25	19mm	3m	450g	117x60x160mm	Philippines	4961607 020395	21
UltraVIEW 8x30 WP	8x	30mm	Multi-coating	7°	52.1°*	122.3m	3.75mm	14.1	17mm	3m	450g	117x60x160mm	Philippines	4961607 020401	21
UltraVIEW 10x30 WP	10x	30mm	Multi-coating	5.5°	51.3°*	96.1m	3mm	9	18mm	3m	460g	117x60x160mm	Philippines	4961607 020418	21
UltraVIEW 7-15x35 zoom	7-15x	35mm	Magenta coating	5.6-3.7°	39.2°-55.5°	97.8-64.6m	5.0-2.3mm	25-5.8	20-16mm	10m	700g	130x77x168mm	Philippines	4961607 002803	23
UltraVIEW 8-20x50 zoom	8-20x	50mm	Magenta coating	4.5-2.9°	36°-58°	78.6-50.6m	6.2-2.5mm	39-6.2	20-15mm	10m	900g	185x77x180mm	Philippines	4961607 002810	23

* Based on ISO 14132-1:2002 standards

Model	Magnification	Objective Lens Effective Diameter	Coating	Field of View	Apparent Field of View	Field of View at 1000m	Exit Pupil Diameter	Brightness	Eye Relief	Shortest Focusing Distance	Weight	Size	Country of Production	Product Number	Page
UltraVIEW H 6x21 DH BL	6x	21mm	Full multi-coating	8.5°	48.1°*	148.6m	3.5mm	12.3	13.2mm	3m	200g	110x91x37mm	China	4961607 020883	24
UltraVIEW H 6x21 DH GR	6x	21mm	Full multi-coating	8.5°	48.1°*	148.6m	3.5mm	12.3	13.2mm	3m	200g	110x91x37mm	China	4961607 020890	24
UltraVIEW H 6x21 DH WH	6x	21mm	Full multi-coating	8.5°	48.1°*	148.6m	3.5mm	12.3	13.2mm	3m	200g	110x91x37mm	China	4961607 029004	24
UltraVIEW H 8x21 DH PU	8x	21mm	Full multi-coating	6.4°	48.2°*	111.8m	2.6mm	6.8	11.0mm	3m	190g	112x87x37mm	China	4961607 020913	24
UltraVIEW H 8x21 DH RD	8x	21mm	Full multi-coating	6.4°	48.2°*	111.8m	2.6mm	6.8	11.0mm	3m	190g	112x87x37mm	China	4961607 209202	24
UltraVIEW H 8x21 DH YE	8x	21mm	Full multi-coating	6.4°	48.2°*	111.8m	2.6mm	6.8	11.0mm	3m	190g	112x87x37mm	China	4961607 020937	24
SG 8x21 DH II	8x	21mm	Magenta coating	7.2°	53.4°*	125.8m	2.6mm	6.8	10mm	3.5m	206g	93x37x106mm	China	4961607 020647	25
SG 10x24 DH	10x	24mm	Magenta coating	5.6°	52.1°*	97.8m	2.4mm	5.8	10mm	3.5m	274g	115x40x110mm	China	4961607 020654	25
SG 12x24W DH	12x	24mm	Magenta coating	5.6°	60.8°*	97.8m	2mm	4	8mm	4m	275g	115x40x110mm	China	4961607 020661	25
SG EX OP 8x26 WP	8x	26mm	Full multi-coating	7.0°	52.1°*	122m	3.3mm	10.9	16mm	2.5m	276g	118x38.6x115.5mm	China	4961607 122105	26
SG EX OP 10x26 WP	10x	26mm	Full multi-coating	5.6°	52.1°*	98m	2.6mm	6.8	14.1mm	3m	280g	118x38.6x115.5mm	China	4961607 012222	26
SG EX OP 8x34 WP	8x	34mm	Full multi-coating	7.1°	52.8°*	124m	4.2mm	18.5	17.4mm	3m	422g	130.5x45.3x270mm	China	4961607 912102	26
SG EX OP 10x34 WP	10x	34mm	Full multi-coating	6.0°	55.3°*	105m	3.3mm	11.6	16mm	3m	430g	130.5x45.3x270mm	China	4961607 022108	26
SG EX 8x25 DH WP	8x	25mm	Full multi-coating	6.6°	49.5°*	115.3m	3.1mm	9.6	14mm	3m	340g	109x43.5x117mm	China	4961607 712108	27
SG EX 10x25 DH WP	10x	25mm	Full multi-coating	5.4°	50.5°*	94.3m	2.5mm	6.25	14mm	3m	340g	109x43.5x117mm	China	4961607 812105	27
SG EX 8x25 WP	8x	25mm	Full multi-coating	6.7°	50.2°*	117m	3.1mm	9.8	15mm	2.3m	350g	119x50x109mm	Philippines	4961607 512104	27
SG EX 10x25 WP	10x	25mm	Full multi-coating	5.6°	52.1°*	98m	2.5mm	6.3	15mm	2.3m	350g	119x50x109mm	Philippines	4961607 612101	27
SG EX 7x18 DH FFWP	7x	18mm	Full multi-coating	9.3°	59.3°*	163m	2.6mm	6.75	10.5mm	7m	142g	83x31x110mm	China	4961607 012239	27
Mirage 8x30	8x	30mm	Magenta coating	8.2°	59.7°	143.4m	3.75mm	14.1	10.9mm	3.6m	550g	108x55x180mm	Philippines	4961607 021101	29
Mirage 8x42	8x	42mm	Magenta coating	6.8°	54.4°	118.8m	5.25mm	27.6	15.2mm	5.5m	650g	140x57x190mm	Philippines	4961607 021118	29
Mirage 7x50	7x	50mm	Magenta coating	6.8°	47.6°	118.8m	7.1mm	50.4	17.8mm	8m	790g	167x65x198mm	Philippines	4961607 021125	29
Mirage 10x50	10x	50mm	Magenta coating	6.5°	65°	114m	5mm	25	12.7mm	6m	790g	167x65x198mm	Philippines	4961607 021132	29
Mirage 12x50	12x	50mm	Magenta coating	5.5°	66°	96.1m	4.2mm	17.6	10.3mm	12m	810g	162x65x198mm	Philippines	4961607 021149	29
Mirage 16x50	16x	50mm	Magenta coating	3.5°	56°	61.1m	3.1mm	9.7	12.1mm	10.7m	820g	167x65x198mm	Philippines	4961607 021156	29
Galleryeye 4x12	4x	12mm	Full multi-coating	12°	45.6°	210.2m	3mm	9	15.2mm	0.19m	53g	Ø31x63mm	Japan	4961607 001400	30
Galleryeye 6x16	6x	16mm	Full multi-coating	9.3°	41.9°	162.7m	2.7mm	7.3	12mm	0.25m	61g	Ø31x75mm	Japan	4961607 001417	30
Real Scope 8x20	8x	20mm	Full multi-coating	6.8°	50.8°	120m	2.5mm	6.2	12mm	0.30m	112g	Ø34x98mm	Japan	4961607 100943	31
Laser Range Finder KLR-600A	6x	21mm	Multi-coating	6°	34.9°	104.8m	2.7mm	7.3	17.5mm	5m	220g	118x77x41mm	China	4961607 477847	31

* Based on ISO 14132-1:2002 standards



Kenko Tokina
Kenko Tokina Co., Ltd.
5-68-10 Nakano, Nakano-ku,
Tokyo 164-8616, Japan
Visit our website: www.kenkoglobal.com

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