



20×120 TRIPOD BINOCULARS

BS-K7T**Tripod-Type High-Performance Binoculars**

PORTABLE 20×120 BINOCULAR TELESCOPE

PORTABLE OBSERVATION

Easy to move and set up**Tripod-type large-aperture binoculars**

The 20×120 optical body mounts on the dedicated BS-K7T head and a tripod with a height of 83~170 cm, so you can carry it wherever it's needed and set it up on the spot. Use it for surveillance, astronomical observation and birdwatching.

20×**High Magnification**

Objective lens 120 mm

10_{kg}**Body Weight**

Lighter than the 15 kg stand-mounted BS-K7 body

36**Relative Brightness**

A bright view even in low light

IPX7**Nitrogen-Purged
Waterproof**

1 m depth · 30 min, certified testing

PORTABLE TRIPOD



PORTABLE TRIPOD

A dedicated head and tripod for observation on the move

With a tripod of 83~170 cm in height (approx. 5 kg) and the dedicated BS-K7T head, you can move the setup from site to site. Azimuth and vertical fixing levers hold the viewing direction in place.

- Azimuth 360° · Vertical -30° ~ +45° (fixing levers)
- Tripod height 83 ~ 170 cm
- Protective cover for transport and storage

PREMIUM OPTICS

Precision optical design for bright, sharp long-range viewing

Low-dispersion, high-quality optical materials, AR fully multi-coated lenses and a Porro type prism cut light loss and chromatic aberration.

- AR fully multi-coated · Porro type prism
- Individual focus -4D ~ +3D · Interpupillary distance 58 ~ 78 mm
- 17 mm eye relief, so you can observe with glasses on

PREMIUM OPTICS



BUILT TOUGH

Steady observation in harsh conditions

A high-adhesion, military-grade special coating cuts scratches and corrosion. The filter lens keeps the lenses from deteriorating, even after long exposure to sunlight.

- Nitrogen-purged, fully waterproof IPX7 (1 m depth, 30 min)
- Constant temperature and humidity -25 ~ +45 °C, certified testing
- Aluminum alloy body · Designed, built and serviced in Korea

PRODUCT PHOTOS

Black-coated body on a dedicated head and tripod

These tripod-type binoculars pair the 20×120 optical body with the dedicated BS-K7T head. With a 10 kg body and a tripod of approx. 5 kg, they're easy to carry and set up.



Full View



Objective Lens



Eyepiece 3/4



Eyepiece Front

SPECIFICATIONS

Product Specifications

OPT

20×120 High-Magnification Binoculars

Direct viewing, no power required

Magnification	20×
Objective Lens	120 mm
Angle of View	3°
Field of View	52 m at 1,000 m
Eye Relief	17 mm
Relative Brightness	36
Diopter Control	-4D ~ +3D (individual focus)
Interpupillary Distance Adjustment	58 ~ 78 mm
Coated Lenses	AR fully multi-coated
Prism	Porro type
Observation Range	10 m ~ ∞ (based on normal vision)

MEC

Build & Environment

For outdoor use

Body Dimensions (L × W × H)	680 × 440 × 160 mm
Body Weight	10 kg
Material	Special aluminum alloy
Waterproofing	Fully waterproof (nitrogen-purged) IPX7 (1 m depth, 30 min)
Constant Temperature and Humidity	-25 ~ +45 °C, certified testing
Azimuth Adjustment Angle	360° (fixing lever)
Vertical Adjustment Angle	-30° ~ +45° (fixing lever)

TRI

Tripod & Package

Portable setup

Tripod	H 83 ~ 170 cm · approx. 5 kg
Head	Dedicated BS-K7T head
Protective Cover	Body protective cover
Power	Not required (power-free optical viewing)
Manufacturer / Country of Origin	Baeksan Science Inc. / Made in KOREA
Tripod specifications may vary depending on circumstances. Source: baeksan.co.kr, BS-K7T product specifications	

KEY FEATURES

Product Features

01

High-Quality Optical Materials

Low dispersion keeps chromatic aberration to a minimum

02

AR Fully Multi-Coated

Less reflection and scatter for a bright, sharp image

03

Relative Brightness 36

Excellent brightness, even in low light

04

Porro Type Prism

Minimal light loss

05

Wide Field of View

3° angle of view, well suited to moving targets

06

Long Eye Relief

17 mm eye relief, observe with glasses on

07

Adjustable Interpupillary Distance

Manual adjustment, 58~78 mm

08

Individual Focusing

-4D~+3D, a sharp view for different eyesight

09

Fully Waterproof

1 m depth for 30 min or more, passed certified testing

10

Corrosion Resistance

High-adhesion military-grade special coating resists scratches and corrosion

11

Filter Lens

Protects the lenses from deterioration and damage under long sun exposure

12

Vertical and Horizontal Angle Adjustment

360° rotation, -30°~+45°, fixing levers

360° VIEW

360° 3D Render



The 360° 3D render is modeled on design CAD data and product photos. Some details, such as the tripod, may differ from the actual product.

APPLICATIONS

Primary Uses

01

Military & Government

Surveillance missions that need mobile deployment

02

Observatories

Bright, sharp astronomical observation

03

Birdwatching

Set up on site for long-range viewing

04

Personal Observation

Large-aperture binoculars for private owners

HOW TO USE

How to Use

STEP 1

Interpupillary Distance Adjustment

- Set the gap between the barrels to match the distance between your eyes.
- Line up the two round fields of view in the eyepieces until they merge into one.

STEP 2

Focusing

- Once the target is in view, turn the eyepiece ring left or right.
- Use the $\pm$ scale on the ring to bring each eye into sharp focus.



Tripod · Protective Cover

Mount the binoculars on the dedicated-head tripod. When moving or storing them, keep the body under the protective cover.

SERVICE

Service & Contact

From design to A/S, all done in Korea

Baeksan Science Inc. · Room 103, Suntech City, 474 Dunchon-daero, Jungwon-gu, Seongnam-si, Gyeonggi-do, South Korea
Tel +82-31-777-1515 · Fax +82-31-777-1511



Baeksan Science Inc. · Since 1996

A/S Center · Baeksan Science Inc., Room 103, Suntech City, 474 Dunchon-daero, Jungwon-gu, Seongnam-si, Gyeonggi-do, South Korea

TEL +82-31-777-1515 · FAX +82-31-777-1511

Specifications and appearance are subject to change without prior notice for product improvement.



Mobile Catalog