



**BAEKSAN** SCIENCE INC.

(주)백산과학

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**AXIAMAS™**

INSPIRATION FUTURE TECHNOLOGY



## Introduction

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Baeksan Science is a company having manufactured high quality observation telescopes for 25 years. We have achieved customer's satisfaction and trust based on the superior performance and unparalleled technology with the principle of "quality first".

We, Baeksan Science, promise constant development of better product with high technology as leader of Korean optical instruments manufacturer.

**BS-K7 20X120 Binocular Telescope**  
**High Quality**  
**BAEKSAN SCIENCE Premium high quality binoculars**



Super brightness and high quality binoculars!  
Globally recognized quality product!

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- This is the product compiled with independent technology and know-how of Baeksan Science showing high quality with better lucidity and chromatic aberration control.
- BS-K7 is a 20X120 large aperture high performance binocular for observation purpose.
- It enables to observe objects in a closer and sharp way.
- Independent technology of Baeksan Science prevents spoilage and damage to lens even at the exposure to a variety of weather change and solar light for a long time.
- The lens realizes the vivid image through improving the brightness of peripheral vision against the center.
- Special lens built in provides a clear image in the dark place so that the user can watch the luminous substance like a view in front of eyes during the daytime and at night as well.
- It can be manually adjusted according to individual interpupillary distance.
- It is delivered with durable and robust stand so that it provides a stable observation position in any circumstance.
- It works at the temperature from -25°C to +45°C and has approval of official certification.
- It has strengths against scratch and corrosion by using an ultra adhesive coating developed for the military.
- It has a perfect water resistance function enduring bad condition of 30 minutes at the water depth of 1 meter. This is approved through an official test.

## BS-K7 20X120 BINOCULAR TELESCOPE USE

1. Interpupillary distance adjustment
  - Adjust the interpupillary distance of binocular to align individual's eyes with lenses.
  - The interpupillary distance is reduced in lowering the "a" prism case downward.
  - The interpupillary distance is increased in raising the "a" prism case upward.
  - Adjust it until the view through the ocular lenses makes a perfect circle.
2. Focusing
  - Focusing by adjusting the eyepiece ring "b"
  - Focus sharply by turning the eyepiece ring to the left or right when the subject comes in the view.
3. Vertical Angle Adjustment Function
  - The adjustment of the vertical angle and azimuth realizes that fast and correct observation.
  - The vertical angle is between  $-30^{\circ}$  and  $+70^{\circ}$  and the azimuth is  $360^{\circ}$ .
  - This enables the user to observe from any direction.
  - Tightening the azimuth fixing lever at the desired position enables the observation without vibration.

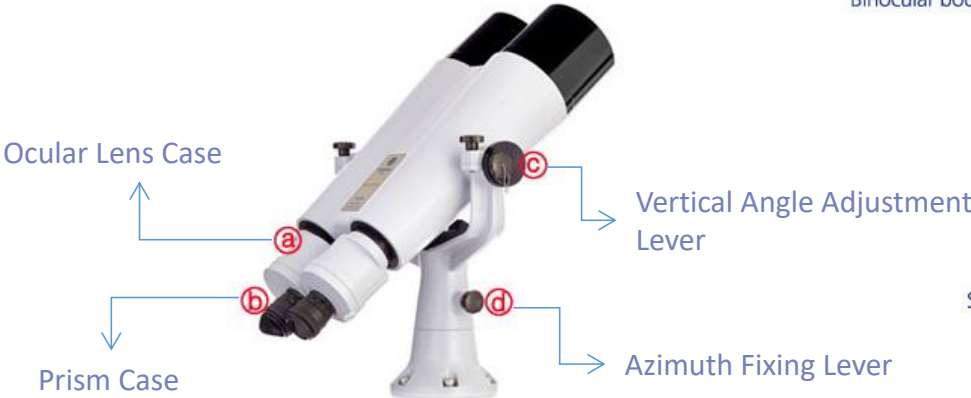




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# BS-K7 20X120 BINOCULAR TELESCOPE PARTS



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## BS-K7 20X120 SPECIFICATIONS

Size (Length x Width)	680mm x 440mm x 180 mm
Weight	15kg
Type	Aluminium special alloy
Water Resistance	Perfect waterproof (Nitrogen gas charged) IPIX7 grade (30 minutes at water depth of 1M)
Constant temperature and humidity	Approved by official certification
Magnification	X20
Objective Lens	120mm
Angle of View	3°
Field of view at 1,000M	52m
Eye Relief	17mm
Close focusing distance	130m
Diopter control	-4D ~ +4D
Interpupillary distance adjustment	58~78mm
Coated Lenses	AR Fully multicoated
Prism	Porro type
Azimuth adjustment angle	360° stationary pin attached
Vertical adjustment angle	-30° ~ +70°
Pedestal	Stationary pedestal type (Aluminium)(410x180x410/5.6kg)
Stand	Stainless steel pillar type (500x114x1180/10kg)
Removable wheels	Removable wheels - option (50x50/170g)
Observation distance	10m ~ ∞ (in case of normal eyesight)

**BS-K7 20X120 END USER LIST**
**20X120 Binocular Telescope Delivery list**

Baeksan Science Co., Ltd		Room 103 Suntech City Bldg. 474 Dunchon dae-ro Jungwon-gu Seongnam, Gyeonggi-do TEL.031-777-1515 / FAX.031-777-1511		
Date	Messrs	Place	Product	Amount
2013-12-13	army1266Command	Pocheon	20X120 Binocular	6
2014-10-04	Peace Industrial Development	Yeonpyeongdo	20X120 Binocular	1
2015-01-09	Hanwha Engineering	Ilakeu	20X120 Binocular	6
2015-01-27	Hope Plus	Baeknyeongdo	20X120 Binocular	2
2015-04-23	LG Display Co., Ltd.	Paju City	20X120 Binocular	2
2016-06-22	Meydan Av Malz.	Turkey	20X120 Binocular	11
2016-10-28	The Republic of Korea Navy	Naval ship	20X120 Binocular	9
2016-11-04	The Republic of Korea Navy	Naval ship	20X120 Binocular	6
2016-11-08	The Republic of Korea Army	Yang Chu 2Th	20X120 Binocular	7
2016-11-10	The Republic of Korea Army	Chuncheon 1Th	20X120 Binocular	2
2016-12-06	Lotte World Tower	Songpa-gu	20X120 Binocular	2
2016-12-16	Navy Logistics Command	Naval ship	20X120 Binocular	8
2017-03-21	The Republic of Korea Army	Pocheon 1266Th	20X120 Binocular	9
2017-10-25	Westship	Westship	20X120 Binocular	2
2018-09-13	The Republic of Korea Navy	Naval ship FFK-959	20X120 Binocular	15
2019-10-15	The Republic of Korea Navy	Naval ship	20X120 Binocular	30



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# Installations 1



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## Installations 2

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