



**Extension of the  
Sport Optics range for the  
PENTAX Binoculars S-Series**

	ART. CODE	EAN
PENTAX SD 7x42 ED	62893	0027075304970
PENTAX SD 10x42 ED	62894	0027075304987

**Two high-standard models with excellent light-gathering power, incorporating ED glass elements and featuring large-diameter objective lenses for bright, clear viewing**

Incorporating large, 42-millimeter diameter objective lenses in a dependable, waterproof body, these new models deliver a sharp, high-contrast image even in unfavorable lighting conditions, such as in twilight. They also incorporate ED (Extra-low Dispersion) optical elements for effective compensation of chromatic aberration — for the first time in S-series models — to deliver a clear view of the image field rivaling that of upper-class models.

**Bright, clear viewing**

As with PENTAX's top-end Z-series models, these new models provide sharp, high-contrast images with minimal glare and ghost images, thanks to the application of a full multi-coating process to all lens surfaces and a special coating designed to optimize light transmittance. They also feature large, 42-millimeter diameter objective lenses to deliver a bright, clear view even in unfavorable lighting conditions, such as in twilight. The PENTAX SD 7x42 ED features a large six-millimeter exit pupil, making it ideal for astronomical observation.

**ED optical elements**

As the first PENTAX S-series models to incorporate ED (Extra-low Dispersion) optical elements for effective compensation of chromatic aberration, these binoculars deliver a sharp, high-contrast, blur-free image of the subject.

**Dependable waterproof construction for use in harsh conditions**

Thanks to their dependable waterproof construction\* (equivalent to JIS Class 6 standards for watertight designs submersible to a depth of one meter), these models can be used in almost all weather conditions, and can be easily rinsed clean with water. The nitrogen-filled design prevents the interior lens surfaces from fogging caused by sudden temperature changes.

**Other features**

- Exterior housing made of thermoplastic elastomer resin to improve holding comfort and prevent accidental slippage
- Easy-to-operate diopter adjustment mechanism with a nonslip, ring-type adjuster
- Extendible eyepieces for effortless shift between in-use and storage positions
- Easy mounting on a tripod, in combination with the optional TP-3 Tripod Adapter

\* These models cannot be used for underwater viewing.

**Included Accessories**

- CASE
- NECK STRAP
- EYEPIECE CAP
- OBJECTIVE LENS CAP

**Packaging**

PENTAX SD 7X42 ED + SD 10X42 ED  
DIMENSIONS: 170 x 75 x 200mm  
(Width x Depth x Height)  
WEIGHT: 675g

# PENTAX Sport Optics SD 7x42 ED + SD 10x42 ED

MODEL	SD 7x42 ED	SD 10x42 ED
TYPE	Roof prism, Center focusing, waterproof	
MAGNIFICATION	7x	10x
EFFECTIVE DIAMETER OF OBJECTIVE LENS	42mm	42mm
REAL FIELD OF VIEW	7.5°	6.2°
FIELD OF VIEW AT 1000M FIELD OF VIEW AT 1000YARDS	131m 1179ft	108m 975ft
EXIT PUPIL APERTURE	6.1mm	4.2mm
EYE RELIEF	18.2mm	16mm
RELATIVE BRIGHTNESS	37.2	17.6
FOCUSING RANGE	3.0m – ∞ 9.0ft. – ∞	3.0m – ∞ 9.0ft. – ∞
INTERPUPILLARY DISTANCE ADJUSTMENT	56 ~ 78mm	56 ~ 78mm
DIMENSIONS (H   W   D)	147.6 x 136 x 54mm 5.81 x 5.35 x 2.13inch	140.2 x 136 x 54mm 5.52 x 5.35 x 2.13inch
WEIGHT	715g 25.3oz.	675g 23.8oz.
WATERPROOF	1m depth of water (equivalent to JIS class 6), Nitrogen filled	



Status 17/04/2023