



ADVANTAGES

- ✓ New fully multi-coated optics
- ✓ New enhanced light transmission coatings
- ✓ Phase correction
- ✓ Protective lens coating
- ✓ Waterproof
- ✓ Nitrogen purged
- ✓ Inner Focus Optics design

PENTAX

Sport Optics

S-SERIES

SD 9X42 WP
SD 8X42 WP
SD 10X42 WP

HIGHLY RESPECTED STANDARD,
GETS A NEW DESIGN

Model	Art. Code	EAN
SD 9x42 WP	62751	0027075288584
SD 8x42 WP	62761	0027075288591
SD 10x42 WP	62762	0027075288607

Magnification	9x	8x	10x
Objective lens diameter	42 mm	42 mm	42 mm
Type	Full-size Roof		
Lens Coating	New fully multi-coated, New enhanced light transmission coatings, Protective lens coating		
Prism	BaK4 with High Resolution Phase Correcting coating		
Twilight Factor	19.4	18.3	20.5
Field of View (at 1.000 m)	107 m	131 m	105 m
Close focus	2.5 m	2.5 m	2.5 m
Exit Pupil	4.7 mm	5.3 mm	4.2 mm
Eye Relief	18 mm	21 mm	18 mm
Eyecups	Multi-Stop Twist-Up		
Waterproof	Yes (JIS Class 6) – Nitrogen purged		
Tripod adaptor	With adapter TP-3 – PENTAX Code No. 69554		
Size (LxWxH in mm)	147 x 128 x 59	148 x 134 x 52	143 x 134 x 52
Weight (g)	665	640	615
Supplied accessories	Objective and eyepiece caps, case, strap		



SD 9X42 WP SD 8X42 WP SD 10X42 WP

S-series – Consists of both roof and porro prism models with objective lenses > 40mm so personal preferences are immediately defined. In addition to the newly developed light transmission coatings, waterproof porro prism models also boast the hydrophobic coating, thereby allowing for contrast-rich, bright viewing under rough outdoor conditions.

These binoculars meet the viewer's traditional demand for 8x, 9x and 10x magnifications. It has all the quality features found in the entire roof prism range PENTAX has on offer: fully multi-coated lenses, inner focusing, water and dust proof, nitrogen-purged and phase correction coatings on the BaK4 prisms. The new Enhanced light transmission coating creates crystal sharp images. The polycarbonate housing makes the whole package a full-size light-weight. It also offers 4-stop, helicoid eyecups. When weight is a critical factor for you, then these binoculars are the perfect reason to upgrade to full size.

Main Features

New Fully-multi-coated optics

Fully multi-coated lenses serve the essential purpose of maximizing the amount of light passing through a lens, thereby prevent flare and ghosting from interfering with your view. PENTAX applies multiple layers of coatings to every surface of every element and prism in the full Sport Optics line-up. These fully-multi-coated optics assure the maximum light transmission resulting in a clear, crisp view of the world.

New Enhanced Light Transmission Coatings

PENTAX binoculars take quality optics to the next level by applying a new, optimized film-deposition technology on lens and prism surfaces resulting in increased light transmission which creates bright images with accurate color rendition.

Protective Lens Coating

All optical surfaces are delicate and must be handled with care to prevent scratching. To add to the durability of the Z- and S-series Water Proof binoculars*, PENTAX has added a protective, nano technology coating that helps deflect water, oil, dust and dirt. This allows PENTAX binoculars to withstand the harshest viewing conditions.

BaK4 prisms

Due to its outstanding refractive index, the BaK4 glass prism found in all PENTAX Sport Optics is highly acclaimed for its perfectly round exit pupil and clear, unvignetted image.

Phase Correction

The complex optical design of roof prism binoculars provide durable, compact, yet lightweight design but require a higher level of optical perfection. A phase-correction coating is applied in the full range of roof prism binoculars to maximize image viewing quality.

PENTAX Waterproofing

PENTAX waterproof products are fully sealed and purged with laboratory grade nitrogen to provide a fog proof view in the harshest weather conditions. With a JIS Class 6 rating, PENTAX waterproof binoculars can even be submerged in up to 3 feet of water.

Inner Focus Optics Design

This sophisticated optical design is critical to low-maintenance and long life guarantee. Exposure to airborne particles and moisture is avoided, thereby ensuring that no outside influences can penetrate the housing and disrupt functionality.

Nitrogen purged

Nitrogen is a chemical element and a colorless, odorless and tasteless gas. It contains very little humidity and is therefore used to "purge" binoculars and spotting scopes of the high humidity air that is part of our environment. Due to the low humidity factor, nitrogen prevents condensation from forming on the internal lenses of optical instruments during phases of rapid temperature change. Furthermore, because nitrogen is purged into the optical instrument at slightly above atmospheric pressure, dust and other miniscule particles are prevented from entering the housing.

Long eye relief design

The long eye relief offered in all PENTAX Sport Optics allows the viewer to see the entire field of view clearly and effortlessly. This is especially beneficial to eyeglass wearers, and allows viewing for extended periods of time without added eye strain.

Other Features

Helicoid three-stop eyepiece rings that permit fine adjustment for maximum viewing comfort.

Exterior rubber coating that provides the binoculars with superb resistance to shocks and impacts.