

Feature Icons

Roof (Dach) Prism Type

Binoculars that employ a roof (Dach) prism to rectify the image. "Dach" means roof in German. The optical path at the objective side and eyepiece side is virtually straight, making it possible for the binoculars to be compact and slim.

Porro Prism Type

Binoculars that employ a Porro prism, which was invented by Ignazio Porro in Italy. All of its reflective surfaces are completely reflective, so it loses no light and realises a bright field of view.

IF (Individual Focusing)

Binoculars that have an IF (Individual Focusing) mechanism. Focus the right and left eyes separately by rotating the dioptre adjustment ring located on the eyepiece. Structurally, the design easily maintains airtightness, making it suitable for waterproof models.

CF (Central Focusing)

Binoculars that have a CF (Central Focusing) mechanism. Focus both left and right eyes at the same time by rotating a central focusing ring. Superior operability.

ED Lens

ED (Extra-low Dispersion) glass is employed to correct chromatic aberration, which causes colour fringing.

Aspherical Lens

Provides sharp images up to the periphery while reducing image distortion.

Full Multilayer Coating

Multilayer coating is applied to transmission surfaces of all lenses and prisms to enhance light transmittance. Provides a brighter and sharper field of view.

Multilayer Coating

Multilayer coating is applied for increased light transmittance.

Wide Field of View

Wide field-of-view binoculars provide an apparent field of view over 60°. *Apparent field of view is calculated based on the ISO 14132-1:2002 standard.

Long Eye Relief

High-eyepoint binoculars with eye relief of 15mm or longer. Eyeglass wearers can also obtain the field of view without vignetting.

Rubber Coating

Body is coated with rubber. It fits securely in your hands for comfortable holding.

Waterproof

Waterproof structure is employed. Nitrogen gas-filled models are resistant to fog and mould.

Vibration Reduction

Vibration Reduction function is incorporated to compensate vibration and provides a steady view for comfortable observation.

Application Icons

Birdwatching, nature watching

Binoculars with a wide field of view and 7x to 10x magnification are suited for general nature viewing. Observing whales or birds at a greater distance is more comfortable with 8x to 12x magnification models. For even closer views, Fieldscopes are recommended.

Outdoors, camping, hiking

Rugged outdoor activities demand portability and durability. Models that also feature rubber armouring and waterproofing are ideal when you're up against the elements. For early morning and evening use, binoculars with a large objective diameter and Nikon's multicoated lenses are recommended.

Stargazing

Astronomical observation requires a bright optical system with a large objective diameter and exit pupil. Waterproof and aberration-corrected binoculars are preferred.

Spectator sports

Binoculars that feature a wide field of view and 7x to 10x magnification are handy for fast-moving sports. Zoom-type binoculars are also convenient, as they enable quick and easy changes in magnification to suit the viewing situation.

Travelling

Compact, lightweight models with mid-range magnification and field of view are ideal for travelling.

Theatre

Compact models with magnification of 4x to 8x are recommended for theatre and concert use. To focus on a particular performer, 7x to 10x models are more appropriate.

Museum

For museums, choose compact, lightweight models with low magnification and a close focusing distance of less than 2m.

Marine sports, fishing

Waterproofing and durability are essential for these activities. Enhanced brightness and a wide field of view are desirable too. Models that feature vibration reduction are favoured for on-board use.

Maritime operations

For professional workplace usage such as sailing or marine observation. Waterproof, large-diameter binoculars are recommended.