Imagine feeling the natural power of life.

The sharp, clear image in the entire field of view brings nature’s vibrant colours right to you.

Revel in the sensation of truly being there, thanks to Nikon’s technology.

This is excitement you’ve never before experienced,
the pure joy of discovering the “real” in its genuine colours.

Bring REAL to Life
Why Nikon?

Exacting precision across a full spectrum of optical technologies

Widely acknowledged as the global leader in precision optics, Nikon’s roots go back to the development of our first binoculars in 1917. Since then, Nikon has continued to build on the knowhow of generations of optical and precision technology experts with an enduring passion for quality and innovation. Day in and day out, our products are tested in the world’s most demanding environments. Using Nikon cameras and NIKKOR lenses, photographers around the globe capture moments that no one could otherwise envision. While Nikon engineers of semiconductor-manufacturing equipment employ our optics to create the world’s most precise instrumentation. For Nikon, delivering a peerless vision is second nature, strengthened over the decades through constant application.

At Nikon Sport Optics, our mission is not just to meet your demands, but to exceed your expectations.

Our commitment to deliver proven, superior products

Nikon has come up with a simple rule for designing and developing our sport optics products: apply the best materials, the strictest quality controls, the most environment-sustaining engineering and superior lens coating technologies to achieve the very finest optics. The benefits of this pledge have never been clearer. Maximum light transmission, superior resolution and better-defined contrast are balanced to perfection, free of aberration, in every stunning view. Because at the heart of each optical system is an invincible integrity that makes it what it is — a Nikon.

Large, diverse lineup to meet your every viewing need

Viewing distant subjects up close with sport optics can be an exhilarating experience. The optimum experience remains a subjective one, however, with countless variables. That’s why Nikon offers the most extensive line of binoculars and scopes on the market. Whether your aim is serious birdwatching, stargazing, professional sea navigation, mountaineering, nature watching, travel, the theatre, or just weekend fun, there’s a Nikon Sport Optics model designed to meet your needs. And our ongoing collaboration with other Nikon technologies adds even further to your viewing excitement, letting you capture those precious moments with the Nikon Digiscoping System, for example, or measure distances with speed and ease using one of our laser rangefinders. Read on and discover the tools that can help you live life larger.
Performance factors
Nikon offers an extensive lineup of binoculars — including several of the world’s most popular series — for a diverse range of applications. Each model features various technical specifications that can help you in making the right selection. Magnification is usually considered most important, but field of view, brightness, ease of handling (weight, feel, ergonomics), suitability for eyeglass wearers and overall construction should also be taken into account.

Magnification
Magnification, represented by a numerical value, is the relationship between a subject’s actual proportions and its magnified size. With a magnification, for example, a subject 700 metres distant appears as it would when viewed with 100 metres with the naked eye. As a rule, magnifications of 8 to 10x are recommended for handheld outdoor use. With magnifications of 12x or greater, any shaking by hand movement is more likely to create an unstable image and uncomfortable viewing.

Magnification (10x)

- ED: Exceptional optical performance
- IF: Individual focusing
- WP: Waterproof
- D: Roof (Dach) prism

Objective lens diameter (mm) High eyepoint

- 25mm: The greater the diameter of the objective lens, the brighter your image will be in poor light conditions, such as early dawn or dusk, or in forested areas, you may need a larger objective lens, but large-diameter objective lenses make binoculars heavier, so 30mm is the general limit for handheld use.

Exit pupil
The exit pupil is the image formed by the eyepiece lenses. The diameter of the exit pupil (in mm) is the effective aperture divided by the magnification. The diameter of the human eye pupil varies from 2-3mm in daylight to 7mm in the dark. As a rule, the exit pupil of 7mm gives maximum light to the dilated eye and is ideal for use in the twilight and at night.

Exit pupil diameter (mm)

- 5mm and below: Ideal for long-staying observing (clock watching).</p>

How to read the numerical code for binoculars
All Nikon binoculars are designated with a numerical formula, such as “10x25 5.4°”. The value “10x” indicates the magnification of the binoculars. If a person uses the binoculars to observe a wild bird from a distance of 100 metres, for example, it will appear to the observer as if the bird were viewing the bird from a distance of 10 metres (100 divided by 10 equals 10). The next number “25” tells you that the effective diameter of the objective lens is 25mm. The greater the diameter of the objective lens, the brighter your image will be with the same illumination. Nikon’s superior lens coatings also play a vital role in improving brightness (if the objective lens is too large, however, the binoculars will be heavy and may cause trembling of the hands).

Field of view
All binoculars use number codes to designate various specifications. In “8x40 8.8°”, for example, “8.8°” represents the real field of view, which is the angle of the visible field, as measured from the centre of the objective lenses.

Field of view (8x40)

- 50mm is the general limit for handheld use.

Objective diameter (mm) High eyepoint

- 25mm: The greater the diameter of the objective lens, the brighter your image will be in poor light conditions, such as early dawn or dusk, or in forested areas, you may need a larger objective lens, but large-diameter objective lenses make binoculars heavier, so 30mm is the general limit for handheld use.

Exit pupil
The exit pupil is the image formed by the eyepiece lenses. The diameter of the exit pupil (in mm) is the effective aperture divided by the magnification. The diameter of the human eye pupil varies from 2-3mm in daylight to 7mm in the dark. As a rule, the exit pupil of 7mm gives maximum light to the dilated eye and is ideal for use in the twilight and at night.

Exit pupil diameter (mm)

- 7mm pupil diameter of a human eye
- 10mm pupil diameter of the binoculars and the eye pupil diameter of a human eye

Brightness
The relative brightness value is basically repairing the diameter of the exit pupil. The greater the relative brightness, the brighter the image will be. However, this value does not correspond exactly to increases in brightness viewed with the naked eye because light coming through the binoculars is 100% effective only if the exit pupil is the same diameter as the pupil of the eye.

Brightness (8x40)

- * Apparent field of view is calculated based on the ISO 14132-1:2002 standard. For details, see p 44.

Magnification

- 154m Apparent field of view
- 8x binoculars

Real field of view

- 125m

- * Apparent field of view is calculated based on the ISO 14132-1:2002 standard.

For details, see p 54.

* Apparent field of view is calculated based on the ISO 14132-1:2002 standard.

For details, see p 54.
Binoculars

Up-close and real
Nikon binoculars have established a benchmark for extraordinary value in Sport Optics. Building on Nikon’s expertise as the global leader in precision optics, we provide binoculars for diverse applications, making it easy to select fine, brilliant optics that are ideal for your own particular needs.

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 there is no light loss and a large field of view is achieved.

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 allows air tightness, 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.

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 allows air tightness, 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 Multi-Layer Coating
Multi-layer coating is applied to transmission surfaces of all lenses and prisms to enhance light transmittance. This causes a brighter and wider field of view.

Multi-Layer Coating
Multi-layer coating is applied for increased light transmittance.

Wide Field of View
Wide front-focal binoculars provide an apparent field of view over 60°. An apparent field of view is calculated based on the ISO 14132-1:2002 standard.

Long Eye Relief
Helps negate the effects of eye relief of Trans or longer. Eyeglass wearers can also obtain the field of view without eyepieces.

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 vibrations and provides a steady view for comfortable observations.

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.

Expeditions, camping, hiking
Rugged outdoor activities demand portability and durability. Models that feature rubber armouring and waterproofing are ideal when you’re out for extended use. For early morning and evening use, models with a large objective diameter and models with a maximum magnification are recommended.

Stargazing
Astronomical observation requires a bright optical system with a large objective diameter and exit pupil. Models that feature rubber armouring and waterproofing are preferred.

Spectator sports
Binoculars for fast-moving sports are recommended. Models that feature rubber armouring and waterproofing are preferred.

Travelling
Compact, lightweight models with real vision magnification and flexible focus are ideal for travelling.

Theatre
Compact models with magnification of 4x to 6x are recommended for theatre and concert use. Focus on a particular performer, so fixed focal length models are more appropriate.

Marine sports, fishing
Waterproofing and durability are essential for these activities. Enhanced brightness and a wide field of view are desirable for these activities. Models that feature rubber armouring are preferred for these activities.

Marine operations
For professional workplace usage such as sailing or marine observation. Waterproof, large-diameter binoculars are recommended.
Experience the extraordinary

The EDG brand was born of Nikon's commitment to provide a premium lineup of the finest instruments in the field of sport optics. In combination with Nikon's many leading-edge technologies, including both optical and mechanical, these exceptional products are able to deliver a spectacular field of view, and performance that goes beyond the nature and outdoor enthusiast's wildest dreams.

• **Dual focus knob with dioptre adjustment**
  Nikon's legendary ED (Extra-low Dispersion) glass lenses effectively compensate for chromatic aberrations to provide images of superior contrast and outstanding resolution.

• **Field-flattener lens system**
  Nikon's field-flattener lens system technology maintains constant curvature of field — significant that occurs when focusing on the centre of the field of view causing the picture to go out of focus and vice versa — and delivers sharper, cleaner images with easy-to-see pincushion.

• **Dioptric high-reflection multilayer prism coating**
  Dioptric high-reflection multilayer coating is applied to a real prism and that does not have any chromatic reflection. The blocker high reflection of more than 80% is idealized for the full visible range, giving you a cleaner white and a sharper, brighter, and more natural vision across the entire field of view.

• **Phase correction coating**
  Phase shift of light is caused by phase difference arising from total reflection light on a real (Dach) surface. Phase correction coating is applied to the surface to eliminate loss of resolution, ensuring high contrast images.

• **Brighter images, even at twilight**
  Advanced multilayer coating is applied to all lenses and prisms to increase light transmission and to reduce glare and ghosting for super-bright, razor-sharp images, even at dawn and dusk.

• **Eco-glass optics, environmentally safe materials**
  All lenses and prisms are free of lead and arsenic.

• **Long eye relief design for a clear field of view, even for eyeglass wearers**
  This design is for a clear field of view, even for eyeglass wearers.

• **Horn-shaped detachable eyecups**
  Ergonomically designed horn-shaped eyecups block peripheral light to give you a clearer field of view.

• **Comfortable, ergonomically designed strap**
  Designed to be comfortable, even during long days of use. The strap length is easily adjusted without having to remove it from your neck.

• **Short bridge style for easy grip**
  Durable design

• **Waterproof (up to 5m/16.4 ft. for 10 minutes)**
  Nikon’s legendary ED (Extra-low Dispersion) glass lenses effectively compensate for chromatic aberrations to provide images of superior contrast and outstanding resolution.

• **Dual focus knob with dioptre adjustment**
  Nikon’s legendary ED (Extra-low Dispersion) glass lenses effectively compensate for chromatic aberrations to provide images of superior contrast and outstanding resolution.

• **Turn-and-slide rubber eyecups facilitate easy positioning of eyes at the correct eyepoint**
  Rubber eyecups are designed to fit your eye easily, even for non-eyeglass wearers.

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• **Eco-glass optics, environmentally safe materials**
  All lenses and prisms are free of lead and arsenic.
A royal invitation to the magnificence of nature

Decades of design experience and expertise have made Nikon a leading force in nature watching and enjoyment. Advanced technology, evidenced by an amazingly bright and sharp field of view, gives lovers of the outdoors the chance to observe nature in all its spectacular glory and treasure each vivid and captivating moment. This unique heritage has led to the widely acclaimed reliable performance of MONARCH binoculars.

* For specifications, see pp 48-49.

MONARCH

8x42/10x42/12x42/8x56/16x56/20x56

Exceptional image quality realised with ED glass and dielectric high-reflective multilayer prism coating

- Extra-low dispersion (ED) glass for chromatic aberration compensation and clearer viewing
- Dielectric high-reflective multilayer prism coating ensuring superior transmittance uniformity across the visible range resulting in brighter images and more natural colours
- All lenses and prisms are multilayer-coated for bright images
- Extra-low dispersion (ED) glass for chromatic aberration compensation and clearer viewing
- Dielectric high-reflective multilayer prism coating ensures superior transmittance uniformity across the visible range resulting in brighter images and more natural colours
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- Dielectric high-reflective multilayer prism coating ensures superior transmittance uniformity across the visible range resulting in brighter images and more natural colours
- All lenses and prisms are multilayer-coated for bright images
- Phase-correction-coated roof prisms for high resolution
- Long eye relief design ensures a clear field of view, even for eyeglass wearers
- Eco-glass optics that are free of lead and arsenic are used for all lenses and prisms
- Waterproof (up to 1m/3.3 ft. for 10 minutes) and fog-free with O-ring seals and nitrogen gas
- Turn-and-slide rubber eyecups with multi-click facilitate easy positioning of eyes at the correct eyepoint
- Rubber armouring for shock resistance and a firm, comfortable grip
- Lightweight body uses fibreglass-reinforced polypropylene resin
- Soft-touch rubber strap
- Flip-down objective lens cap
- Tripod adaptor is a supplied accessory for 16x56 and 20x56 models

MONARCH 7

8x30/10x30/8x42/10x42

Exquisite optical performance in a compact body delivering a wide field of view

- Sophisticatedly compact, exterior design
- Extra-low dispersion (ED) glass for chromatic aberration compensation and clearer viewing
- With apparent field of view
- Dielectric high-reflective multilayer prism coating ensuring superior transmittance uniformity across the visible range resulting in brighter images and more natural colours
- All lenses and prisms are multilayer-coated for bright images
- Extra-low dispersion (ED) glass for chromatic aberration compensation and clearer viewing
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- All lenses and prisms are multilayer-coated for bright images
- Phase-correction-coated roof prisms for high resolution
- Long eye relief design ensures a clear field of view, even for eyeglass wearers
- Eco-glass optics that are free of lead and arsenic are used for all lenses and prisms
- Waterproof (up to 1m/3.3 ft. for 10 minutes) and fog-free with nitrogen gas
- Turn-and-slide rubber eyecups with multi-click facilitate easy positioning of eyes at the correct eyepoint
- Rubber armouring for shock resistance and a firm, comfortable grip
- Lightweight body uses fibreglass-reinforced polypropylene resin
- Soft-touch rubber strap
- Flip-down objective lens cap
- Tripod adaptor is a supplied accessory for 15x56 and 20x50 models

MONARCH

5

10x30/20x50/40x50/56

MONARCH

7

10x42/12x42/16x56/20x56

* Except 8x42 model

* For specifications, see pp 48-49.
The world on your terms

Discovery is a way of life for you. You prefer to enter and explore new worlds with optical equipment sporting the latest breakthroughs in both value and performance. This approach enables you to better appreciate what you discover. Welcome to the wonderful world of PROSTAFF. Expect solid, honest-to-goodness performance you can rely on.
Taking it all in, in your own unique style

For you, just as important as observing the world is looking at it in your own way. That means through binoculars designed for the way you live. You know there is a wonderful world out there full of colours and you want to witness it in the style you are accustomed to. ACULON binoculars are for you — with a sporty design in a variety of styles and colours that suit your mood and the occasion. If you prefer sport optics that complement your personality, ACULON is the way to go.

ACULON T01 8x21/10x21

Expand your world with this stylish compact

• Compact and lightweight for portability — weighing a mere 195g
• Multilayer-coated lenses for bright images
• Larger focusing ring for smooth operation
• Turn and slide rubber eyecups facilitate easy positioning of eyes at the correct eyepoint
• Single-hinged, slim and stylish design
• Available in five body colours: 8x21 in orange, blue and white/10x21 in black and red

ACULON W10 8x21/10x21

Colourful, lightweight and compact, waterproof binoculars

• Compact and lightweight for portability
• Multilayer-coated lenses for bright images
• Larger focusing ring for smooth operation
• Turn and slide rubber eyecups facilitate easy positioning of eyes at the correct eyepoint
• Firm, comfortable, rubber-coated grip
• Single-hinged, sporty design
• Waterproof (up to 1m/3.3 ft. for 10 minutes) and fog-free with nitrogen gas
• Available in five body colours: 8x21 in yellow, pink and white/10x21 in camouflage, black and white

For specifications, see pp 50-51.
ACULON A21 10-22x50
durability and a large objective lens for the great outdoors
• Binoculars are designed for all-weather use with a large objective lens for bright images
• Aspherical eyepiece lens eliminates image distortion even at the lens periphery (except zoom models)
• Multilayer-coated lenses for bright images
• Turn-and-slide rubber eyecups facilitate easy positioning of eyes at the correct eyepoint (except zoom models)
• Rubber armour for shock resistance and a firm, comfortable grip
• Smooth zooming with finger-tip zoom control (zoom models only)
• Can be fixed to a tripod using optional tripod adaptor (see p 54)
• Focus range: 1700m or more

ACULON T51 10x24/16x50
Sophisticated elegance for wherever you go
• Binoculars are designed for all-weather use with a large objective lens for bright images
• Aspherical eyepiece lens eliminates image distortion even at the lens periphery (except zoom models)
• Multilayer-coated lenses for bright images
• Close focusing distance: 2.5m
• Eco-glass optics are free of lead and arsenic
• Turn-and-slide rubber eyecups facilitate easy positioning of eyes at the correct eyepoint (except zoom models)
• Rubber armour for shock resistance and a firm, comfortable grip
• Smooth zooming with finger-tip zoom control (zoom models only)
• Can be fixed to a tripod using optional tripod adaptor (see p 54)
• Focus range: 1700m or more

ACULON T11 8-24x25
Sleek and compact binoculars with 3x zoom capability in four colours
• Compact and lightweight
• All lenses and prisms are multilayer-coated for bright images
• Unique zoom lever designed for extra-smooth 8-24x zooming
• Multilayer-coated lenses for bright images
• Turn-and-slide rubber eyecups facilitate easy positioning of eyes at the correct eyepoint
• Designed for comfortable fit and easy handling
• Available in four body colours (black/red/blue/white)
When only superior performance will do

Among Nikon’s broad lineup of widely acclaimed binoculars, the six HG L series models are designed for exceptional performance and comfort. Exacting lens and prism construction ensures sharper, brighter images to intensify your viewing experience. Other aspects, such as the finely tuned mechanics and optical design, work together to reveal subtle details you’d have otherwise missed.

For bright, high-contrast images

• Nikon’s original multilayer coating:
  - Micron’s fine and glass, for very high transmission across a wide range of wavelengths. The result: excellent contrast and color reproduction.
  - Phase correction coating:
  - Corrects defects due to reflections on the glass.
  - High-reflection silver coating:
  - Much greater reflectivity and much less light loss than the prisms, compared with ordinary aluminium plating, for brighter images.

For sharp, undistorted images

• Field curvatureless:
  - Excellent for landscape views. Provides images that are sharp and clear all the way to the lens periphery.
• Intentional curvature:
  - The field curvature helps provide high-level distortion correction, ensuring sharp, undistorted images even at the viewing images.

Easy to use

• Long eye relief design:
  - Advanced design technology achieves a combination of long eye relief and small size.

Light transmission rates

- Evenly transmitting, the higher the light transmission rate of a lens, the brighter and clearer your image will be, with less blur and ghosts. Each of Nikon’s high-grade binocular models features a high light transmission rate thanks to our multi-layer coated lenses and prisms.

- Made with non-slip, weather-friendly, methacrylate plastic in black, black, or white.
- Made from highly transparent glass with high light transmission rates for sharper images.
- Made from highly transparent glass with high light transmission rates for sharper images.
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500 420 600 700 nm 800 900 1000 nm
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
%T
A
Nikon conventional product
Source: Nikon (actual value)

500 420 600 700 nm 800 900 1000 nm 1100 1200 nm
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
%T
A
Nikon conventional product
Source: Nikon (actual value)
Elegant Compact

Up-close at concerts, the theatre and museums

Their compact size and stylish, sophisticated design mean that these models will perfectly complement those formal occasions when you need to look your best, whether at the theatre or concert performances.

The short close-focusing distance makes these binoculars a natural for use in museums, too.

Compact

Strong performance in sleek designs

When you’re on the go, convenience is everything. That’s what makes Nikon’s compact lineup so appealing — small enough to take anywhere, they’re ideal for your next holiday, or at a concert or sporting event.

6x15M CF/7x15M CF Black

Elegant performance in a sleek design

• Ultra-compact and lightweight (55g, 5x)
• Close focusing-distance: 1.2m
• All lenses and prisms are multilayer-coated for bright images
• Easy operation (Diaphragm adjustment is not required)
• Stylish design
• Available in four colours: black, silver, red and white

5x15 HG Monocular/7x15 HG Monocular

Perfect for viewing masterpieces in sharp detail

• Prism features high-reflection silver coating for brighter images
• Phase-correction-coated prisms for high resolution
• Multilayer-coated lenses for bright images
• Long eye relief design ensures a clear field of view, even for eyeglass wearers (5x)
• Close focusing distance: 0.6m (5x), 0.8m (7x)

Sportstar EX 8x25DCF/10x25DCF

Power to pull in the details, small enough for your pocket

• Waterproof and fog-free with nitrogen gas
• Turn-and-slide rubber eyecups facilitate easy positioning of eyes at the correct eyepoint
• Close focusing-distance: 2.5m (8x), 3.5m (10x)
• Multilayer-coated lenses for bright images
• Compact and lightweight
• Fold-up design, easy to carry around
• Available in two body colours (silver/charcoal grey)

TRAVELITE VI 8x25CF/9x25CF/10x25CF/12x25CF

Lightweight compact for more versatile use

• Waterproof (up to 2m/6.6 ft. for 5 minutes) and fog-free with nitrogen gas
• Aspherical eyepiece lens eliminates image distortion
• Long eye relief design ensures a clear field of view, even for eyeglass wearers
• Close focusing distance: 2.8m
• Multilayer-coated lenses for bright images
• Turn-and-slide rubber eyecups facilitate easy positioning of eyes at the correct eyepoint
• Eco-glass optics are free of lead and arsenic

TRAVELITE EX 8x25CF/9x25CF/10x25CF/12x25CF

All-round use, smooth operation

• Waterproof body, extremely robust
• Aspherical lenses in miniature design and provide sharp images up to the periphery
• Multilayer-coated lenses for bright images
• Special rubber sensor for diopter adjustment and a firm, comfortable grip
• Coated film in the body material improves durability
• Compact and lightweight
• Click-type dioptre adjustment ring prevents unintentional rotation
• Larger focusing knobs for smooth operation
• Eco-glass optics are free of lead and arsenic

Sportstar EX H700657 - Silver*

For specifications, see pp 60-61
Nikon professional for smoother sailing

For top performance in a marine environment, Nikon binoculars are the way to go. All of the models in our Marine lineup deliver crisp, brilliant images. They're filled with nitrogen gas and sealed with O-rings to minimise the effect of temperature changes, making them ideal for rugged nautical applications. And select models even feature a built-in compass to keep you on course. Waterproof, weather-resistant binoculars you can count on.

2x50CF WP/7x50CF WP GLOBAL COMPASS

Easy focus on water or land
• Quick, easy-to-use central focusing system
• Waterproof (up to 2m/6.6 ft. for 5 minutes) and fog-free with nitrogen gas
• Wide, comfortable eyecups
• Large objective diameter for bright images
• Long eye relief design ensures a clear field of view, even for eyeglass wearers
• Can be fixed to a tripod using optional tripod adaptor (see p 54)

Optional accessories
- Polarising filter (option)
- Turn-and-slide rubber eyecups with multi-click
- Aspherical eyepiece lens (7x50CF, 12x50CF only)
- Wide strap
- Can be fixed to a tripod using optional tripod adaptor (16x50CF includes tripod adaptor) (see p 54)

7x50IF WP

Specially designed for maritime professionals
• Waterproof (up to 2m/6.6 ft. for 5 minutes) and fog-free with nitrogen gas
• All lenses and prisms are multilayer-coated for bright images
• Rubber armouring for shock resistance and a firm, comfortable grip
• Floating strap provided
• Can be fixed to a tripod using optional tripod adaptor (see p 54)

7x50IF WP Tropical

Trusted standard for fisheries and professional marine navigators
• Waterproof (up to 5m/16.4 ft. for 5 minutes) and fog-free with nitrogen gas
• Horizontal and vertical scales for measuring dimensions or distances (scale type)
• Long eye relief design ensures a clear field of view, even for eyeglass wearers
• Large objective diameter for bright images
• Can be fixed to a tripod using optional tripod adaptor (see p 34)
• Polarising filter and large, hard-rubber eyecup are available (optional)

10x70IF WP

Extra magnification for maritime professionals
• Waterproof (up to 2m/6.6 ft. for 5 minutes) and fog-free with nitrogen gas
• Large 70mm objective diameter meets demand for exceptionally bright, high magnification
• Long eye relief design ensures a clear field of view, even for eyeglass wearers
• Can be fixed to a tripod using optional tripod adaptor (see p 34)
• Polarising filter and large, hard-rubber eyecup are available (optional)

10x70IF WP Tropical

Waterproof durability, even in harsh conditions
• Waterproof (up to 2m/6.6 ft. for 5 minutes) and fog-free with nitrogen gas
• Multilayer-coated large 70mm objective lens for bright images
• Long eye relief design ensures a clear field of view, even for eyeglass wearers
• Rubber armouring for shock resistance and a firm, comfortable grip
• Wide strap
• Can be fixed to a tripod using optional tripod adaptor (see p 34)

10x70CF WP

A broader field of view in the most challenging conditions
• Waterproof (up to 2m/6.6 ft. for 5 minutes) and fog-free with nitrogen gas
• Long eye relief design ensures a clear field of view, even for eyeglass wearers
• Large 70mm objective for exceptionally bright, high magnification
• Multilayer-coated lenses and large objective diameter for optimal image clarity
• Rubber armouring for shock resistance and a firm, comfortable grip
• Eco-glass optics are free of lead and arsenic
• Aspherical objective lens eliminates chromatic aberration (2x50CF, 12x50CF only)
• Wide strap
• Can be fixed to a tripod using optional tripod adaptor (16x50CF includes tripod adaptor) (see p 54)
The Standard for Advanced Nature Observation

Studying nature at its finest
High-performance binoculars widely acknowledged as the standard for specialised activities such as birdwatching and nature observation, providing optical clarity and sharpness. And in models designed for stargazing, you’ll enjoy sharp, edge-to-edge resolution that exceeds your expectations.

8x30E II / 10x35E II

The birdwatching standard, offering pristine panoramic views and easy locating of subjects
• Superior optical design for observation from a distance, built especially for stargazing
• Multi-coated lens for bright images
• Waterproof up to 3m (8x), 5m (10x)
• Close focusing distance: 3m (8x), 5m (10x)
• Lightweight, die-cast magnesium-alloy body
• All lenses and prisms are multilayer-coated for bright images
• Can be fixed to a tripod using optional tripod adaptor (see p 54)

18x70IF WP WF

Extra magnification for seafarers, stargazing
• Wide 64.3° apparent angular field of view
• All lenses are multilayer-coated for bright images
• Waterproof up to 2m/6.6 ft. for 5 minutes and fog-free with O-ring seals and nitrogen gas
• Long eye relief design ensures a clear field of view, even for eyeglass wearers
•  Can be fixed to a tripod using optional tripod adaptor (see p 54)
• Polarising filter and horn-shaped rubber eyecup are available (options, see 24)

7x50IF SP WP / 10x70IF SP WP

Edge-to-edge sharpness for seafarers, stargazing
• Superior optical design for observation from a distance, built especially for stargazing
• Multi-coated lens for bright images
• Waterproof up to 3m/9.8 ft. (8x) 5m/16.4 ft. (10x)
• Close focusing distance: 3m (8x), 5m (10x)
• Lightweight, die-cast magnesium-alloy body
• All lenses and prisms are multilayer-coated for bright images
• Can be fixed to a tripod using optional tripod adaptor (see p 54)

StabilEyes

Model name StabilEyes 12x32 StabilEyes 16x32
Magnification (x) 12 16
Vibration reduction system Optical compensation by erecting prisms with gimballed frame
Vibration compensation range (°) ±6 ±8
Objective diameter (mm) 32 40
Eye relief (mm) 20 19
Dioptré adjustment (dioptres) ±3 ±2
Field of view (°) 5.5 5.1
Field of view (apparent) (°) 50.3 38.5
Field of view at 1,000m (m) 8.7 6.6
Exit pupil (mm) 2.2 1.7
Relative brightness 6.3 5.0
Interpupillary distance adjustment (mm) 60-70 62-72
Close focusing distance (m) 5 3.5
Dimensions (L x W x D) (mm) 181 x 142 x 81 181 x 142 x 81
Weight (without batteries) (g) 1,120 1,120
Operating temperature range (°C) –10 to +50
Battery DC 3V (two AA-type alkaline batteries)
Battery life Approx. 6 hours*

* Continuous operation with AA-type alkaline batteries at normal temperature (20°C).
Note: Apparent field of view is calculated based on the ISO14132-1:2002 standard. For details, see p 54.

StabilEyes 14x40

• New vibration reduction model: LAND mode for when footing is secure, to compensate for vibration from hand-shake and binocular movement when user follows a moving subject while studying nature or watching sports.
• Can be fixed to a tripod using optional tripod adaptor (see p 54)
• Polarising filter and horn-shaped rubber eyecup are available (options, see 24)

StabilEyes 12x32 / 16x32

• Nikon’s exclusive VR PAUSE button maintains a comfortable view while panning, tilting or following fast-moving objects
• Long eye relief design allows use with eyeglasses
• Turn-and-slide rubber eyecups
• Soft-to-the-touch neck strap included

For specifications, see p 54.
Fieldscopes
A whole wide world of discovery
Nikon offers a broad selection of the finest Fieldscopes and interchangeable eyepieces, all delivering peerless magnification through brilliant optics while featuring rugged construction. What’s more, by attaching Nikon digital cameras to our Fieldscopes, you can capture and enjoy great close-up photos without having to carry along heavy telephoto lenses.
Nikon EDG Fieldscopes deliver a spectacular field of view

In the pursuit of innovation, Nikon’s cutting edge technology has enabled the incorporation of a lens-shift type VR (Vibration Reduction) system into fieldscopes for the first time in the world* — EDG VR Fieldscopes. Sophisticated optical technologies complement superb mechanical functions in EDG Fieldscopes, all were created to attain clear-cut superiority for both observation and digiscoping applications. Following a comprehensive series of CAE (Computer Aided Engineering) simulations and data analyses, our EDG design engineers built numerous prototypes. These efforts realised a tough, finely balanced structure; a large-diameter objective lens that delivers brighter images; a large focusing ring for smooth operation even during digiscoping; and a tripod mount that features finely tuned weight balance adjustments. The result is exquisite, clear viewing to the very edge of your field of view.

*As of October, 2011.

EDG Fieldscope 85-A VR
EDG Fieldscope 85 VR

Eyepieces for EDG Fieldscopes

• Seven kinds of eyepieces for optimum optical performance
• Bayonet mount with lock for easy attachment and release
• Fully multilayer-coated
• Waterproof up to 2m for 10 min., and fog-free — thanks to O-rings and nitrogen gas (body-and-eyepiece joint is water-resistant)
• Turn-and-slide eyecup with three click stops: one for observing with the naked eye, one for observing with eyeglasses, and the other for digiscoping (except FEP-30W, FEP-25 LER and FEP-20-60)
• FEP-30W offers a choice of eyecup: soft rubber eyecup for observation and digiscoping eyecup for connection with digital cameras using optional digiscoping accessories
• FEP-25 LER has ultra-long 32.3mm eye relief
• FEP-20-60 featuring long eye relief of 18.4-16.5mm employs a moulded glass aspherical lens to minimise image distortion
• Compact Digital Camera COOLPIX series and Advanced Camera with Interchangeable Lenses Nikon 1 series can be attached using optional digiscoping accessories (except FEP 20-60)

Experience comfortable viewing with Nikon’s premium EDG brand Fieldscopes

• The world’s first Fieldscopes featuring Nikon’s lens-shift type VR (Vibration Reduction) system (as of October, 2011)
• Reduces vibrations to approx. 1/8* during observation, providing the equivalent of a shutter speed approx. 2 stops* faster in digiscoping
• Easy VR operation; after turning the VR lock knob, pressing the VR button once activates the function
• VR function turns off automatically after approx. 30 minutes of turning VR on (Auto power off function)
• Readily available AA-size batteries are used

Common features

• Extra-low dispersion (ED) glass for chromatic aberration compensation and brighter, clearer viewing
• Declined to high-reflection multi-layer coating on exit pupil for the brightest view (straight models only)
• Phase-correction coated rear element for high resolution
• Advanced multilayer coating is applied to all lenses and prisms for the brightest images
• Waterproof up to 2m/6.6 ft. for 10 minutes* and fog free — thanks to O-rings and nitrogen gas (body-and-eyepiece joint is water-resistant)
• Stylish design
• Three built-in sliding hood to provide the finest viewing, optimum balance achieved through CAE (Computer Aided Engineering)
• Some eyepieces exclusively for the EDG Fieldscope are optionally available
• Built-in built-in sliding hood provides excellent light and protects objective lens

* Based on Nikon Fieldscope measuring standard (used with tripod).
*1 Based on Nikon Fieldscope measuring standard (used with tripod).
*2 NOT designed for underwater usage.
*3 Water resistance: As tested by water equivalent to 1mm per minute, falling from a height of more than 200mm for a duration of 10 minutes (in normal use with an eyepiece attached to the main body correctly).

For more information about digiscoping accessories or compatible cameras, see www.nikon.com/sportoptics/
**PROSTAFF 5 Fieldscopes**

Brighter viewing in a sleek design
- Compact, lightweight and smooth ergonomic design
- Large-diameter lens for a brighter field of view
- All lenses and prisms are multilayer-coated for bright images
- Chromatic aberration at the peripheries is minimized and field-free with nitrogen gas (Eyepieces are water-resistant when attached to the Fieldscope body)
- Bayonet-type eyepiece mount with locking system enables quick, more secure eyepiece connections
- Three eyepieces exclusively for PROSTAFF 5 Fieldscopes are optionally available: compatible with digital camera bracket FSB-series
- Built-in sliding hood

**PROSTAFF 5 Fieldscope 82-A**

- Brighter viewing in a sleek design
- Compact, lightweight and smooth ergonomic design
- Large objective lens for a brighter field of view
- All lenses and prisms are multilayer-coated for bright images
- Chromatic aberration at the peripheries is minimized and field-free with nitrogen gas (Eyepieces are water-resistant when attached to the Fieldscope body)
- Bayonet-type eyepiece mount with locking system enables quick, more secure eyepiece connections
- Three eyepieces exclusively for PROSTAFF 5 Fieldscopes are optionally available: compatible with digital camera bracket FSB-series
- Built-in sliding hood

**PROSTAFF 5 Fieldscope 82**

- Brighter viewing in a sleek design
- Compact, lightweight and smooth ergonomic design
- Large objective lens for a brighter field of view
- All lenses and prisms are multilayer-coated for bright images
- Chromatic aberration at the peripheries is minimized and field-free with nitrogen gas (Eyepieces are water-resistant when attached to the Fieldscope body)
- Bayonet-type eyepiece mount with locking system enables quick, more secure eyepiece connections
- Three eyepieces exclusively for PROSTAFF 5 Fieldscopes are optionally available: compatible with digital camera bracket FSB-series
- Built-in sliding hood

**PROSTAFF 5 Fieldscope 60**

- Brighter viewing in a sleek design
- Compact, lightweight and smooth ergonomic design
- Large objective lens for a brighter field of view
- All lenses and prisms are multilayer-coated for bright images
- Chromatic aberration at the peripheries is minimized and field-free with nitrogen gas (Eyepieces are water-resistant when attached to the Fieldscope body)
- Bayonet-type eyepiece mount with locking system enables quick, more secure eyepiece connections
- Three eyepieces exclusively for PROSTAFF 5 Fieldscopes are optionally available: compatible with digital camera bracket FSB-series
- Built-in sliding hood

**PROSTAFF 5 Fieldscope 60-A**

- Brighter viewing in a sleek design
- Compact, lightweight and smooth ergonomic design
- Large objective lens for a brighter field of view
- All lenses and prisms are multilayer-coated for bright images
- Chromatic aberration at the peripheries is minimized and field-free with nitrogen gas (Eyepieces are water-resistant when attached to the Fieldscope body)
- Bayonet-type eyepiece mount with locking system enables quick, more secure eyepiece connections
- Three eyepieces exclusively for PROSTAFF 5 Fieldscopes are optionally available: compatible with digital camera bracket FSB-series
- Built-in sliding hood

**PROSTAFF 3 Fieldscopes**

Compact design and reliable performance
- Compact, lightweight and sleek design
- All lenses and prisms are multilayer-coated for bright images
- 16-48x zoom eyepiece integrated
- Long eye relief (30mm at 16x)
- Rubber focusing
- Waterproof (up to 1m/3.3 ft. for 10 minutes) and fog-free with nitrogen gas
- Choose from two colours — charcoal grey and pearl-scent green
- Compatible with MC eyepieces and Wide DS eyepieces (options)
- Silicon filter (P=0.75) can be attached to objective lens

**PROSTAFF 3 Fieldscope with supplied tripod and carrying case**

- Compact design and reliable performance
- Compact, lightweight and sleek design
- All lenses and prisms are multilayer-coated for bright images
- 16-48x zoom eyepiece integrated
- Long eye relief (30mm at 16x)
- Rubber focusing
- Waterproof (up to 1m/3.3 ft. for 10 minutes) and fog-free with nitrogen gas
- Choose from two colours — charcoal grey and pearl-scent green
- Compatible with MC eyepieces and Wide DS eyepieces (options)
- Silicon filter (P=0.75) can be attached to objective lens

**Eyepieces for Fieldscopes**

- Fully multilayer-coated
- Long-eye relief design for viewing comfort with eyeglasses
- Stable for both binoculars and monoculars
- Waterproof (up to 1m/3.3 ft. for 10 minutes) and fog-free
- Water-resistant when attached to Fieldscopes body

**Eyepieces for PROSTAFF 5 Fieldscopes**

- 16x/24x/30x
- 20x/30x/40x
- 25x/35x/40x
- 25x/45x/50x
- 13-40x/20-60x/25-75x

**Eyepieces for Fieldscopes**

- 16x/24x/30x/40x Wide DS eyepiece
- 20x/30x/40x Wide DS eyepiece
- 25x/40x/50x Wide DS eyepiece
- 27x/40x/50x Wide DS eyepiece

**Fieldscope ED50/ED50 A**

Nikon’s smallest high-end scope features brilliant optics
- Compact and lightweight with 50mm-diameter ED (Extra-low Dispersion) objective lens
- Available in straight or angled design
- Multilayer coated lenses for bright images
- Waterproof (up to 1m/3.3 ft. for 10 minutes) and fog-free with nitrogen gas
- Choose from two colours — charcoal grey and pearl-scent green
- Compatible with MC eyepieces and Wide DS eyepieces (options)
- Silicone filter (P=0.75) can be attached to objective lens

**Fieldscope ED50 A (Charcoal grey)**

**Fieldscope ED50 (Pearl-scent green)**

**Hand-holding case for Fieldscope ED50 series (optional)**

**ED50/ED50 A**

- Compact and lightweight with 50mm-diameter ED (Extra-low Dispersion) objective lens
- Available in straight or angled design
- Multilayer coated lenses for bright images
- Waterproof (up to 1m/3.3 ft. for 10 minutes) and fog-free with nitrogen gas
- Choose from two colours — charcoal grey and pearl-scent green
- Compatible with MC eyepieces and Wide DS eyepieces (options)
- Silicone filter (P=0.75) can be attached to objective lens

For specifications, see pp 56-57.
**Nikon Digiscoping System**

This convenient system makes it possible to record images viewed through a Fieldscope. Connecting a Fieldscope using an attachment or bracket for a Nikon digital SLR camera, an Advanced Camera with Interchangeable Lenses Nikon 1 series or a Nikon COOLPIX series camera, makes it easy for the user to capture super-telephoto images. Now, thanks to the unrivalled combination of Nikon cameras and Nikon scopes, you’ll achieve striking images in a way that no other system can offer.

### with Digital SLR Cameras

**EDG Fieldscopes**  
85/VR-A/85-A/65/VR-A/65-A

**Fieldscope Digital SLR Camera Attachment**  
FSA-L2

**Digital SLR Cameras**

### with Advanced Camera with Interchangeable Lenses Nikon 1 Series

**EDG Fieldscopes**  
85/VR-A/85-A/65/VR-A/65-A

**Fieldscope Digital SLR Camera Attachment**  
FSA-L2

**Digital SLR Cameras**

### Digiscoping Adapter DSA-N1

**Wide DS Fieldscope Eyepieces**  
16x/24x/30x Wide DS  
27x/40x/50x Wide DS  
40x/60x/75x Wide DS  
*2 16x/20x wide

**1 NIKKOR Lenses**  
(Some models are not compatible)

### Digiscoping Bracket DSB-N1

**Fieldscopes**  
ED50/ED50 A  
EDG Fieldscopes  

### with Nikon COOLPIX Digital Cameras

**Fieldscope Digital SLR Camera Attachment**  
FSA-L2 (exclusively for EDG Fieldscopes)

- 3.5x zoom for super telephoto shooting. When attached to EDG Fieldscope 85 VR/85-A VR/85/85-A, the focal length ranges from 500 to 1,750mm* and when attached to EDG Fieldscope 65/65-A, the focal length ranges from 400 to 1,400mm*.  
  *FX format

**Digiscoping Adapter DSA-N1**

- Attaches to a Nikon Fieldscope easily, since optical axis adjustment is not required
- Allows use of the camera’s A: Aperture-priority auto and M: Manual exposure modes
- Easy-to-carry compact size

**Digiscoping Bracket DSB-N1**

- Includes a cable release (approx. 50cm) to prevent camera shake when shooting; the cable release socket is attached to the bracket
- Includes a light-shielding rubber sheet to prevent external light from entering

**Digital Camera Bracket FSB-UC**

- Universal type for COOLPIX series
- Includes a cable release (approx. 50cm) to prevent camera shake during shooting
- Includes a light-shielding rubber sheet that minimises harmful, incoming rays and glare

**Fieldscopes**  
ED50/ED50 A

**PROSTAFF 5 Fieldscopes**

**COOLPIX Digital Camera Brackets**

**FSB-UC**

- Unrivaled combination of Nikon cameras and Nikon scopes, you’ll achieve striking images in a way that no other system can offer.

**PROSTAFF Fieldscope Eyepieces**  
SEP series  
SEP-100/SEP-200/SEP-30  

**Wide DS Fieldscope Eyepieces**  
16x/24x/30x Wide DS  
27x/40x/50x Wide DS  
40x/60x/75x Wide DS

**Fieldscopes**  
ED50/ED50 A

- Vignetting may occur even with compatible models, depending on the subject and other shooting conditions.
- For more information and details of compatible models, see www.nikon.com/sportoptics
- The above charts are as of September 2015.

**PROSTAFF Fieldscope Eyepieces**

**SE series**

**COOLPIX Digital Cameras**

(Some models are not compatible)

**PROSTAFF Fieldscope Eyepieces**  
SEP series  
SEP-100/SEP-200/SEP-30  

**Wide DS Fieldscope Eyepieces**  
16x/24x/30x Wide DS  
27x/40x/50x Wide DS  
40x/60x/75x Wide DS

**Fieldscopes**  
ED50/ED50 A

**COOLPIX Digital Cameras**

(Some models are not compatible)
Laser Rangefinders

The measure of excellence

Acclaimed throughout the world for superior optical technologies and leading-edge design, Nikon takes pride in delivering innovative products of the very highest quality. Nikon’s Laser Rangefinder lineup features a variety of models to choose from, each instrument perfectly suited to its particular purpose.

Nikon’s Laser Rangefinder ID Technology which displays slope adjusted distance is provided, along with superior measurement performance:

- Measurement range: 7.5-590m/8-650 yd.
- Key operation enables measurement of casual distance, horizontal distance, height and slope adjusted distance (horizontal distance + Height).
- Golf mode displays the slope adjusted distance (Horizontal distance + Height) which is a guide for how far you should hit the ball and useful when golfing on an uphill/downhill course. — ID (incline/decline) Technology
- Target Priority Switch System for measuring overlapping subjects:
  - First Target Priority mode displays the distance of the foremost subject — useful in wooded areas.
  - Distant Target Priority mode displays that of the farthest subject — useful when golfing for measuring the distance to a flagstick on a green with woods in the background.

- Single or continuous measurement (up to 8 seconds)
- Quick and stable measurement response regardless of distance — HYPER READ
- Displays the measurement result in approx. 0.5 second
- Distance measurement display step is 0.5m/yd.
- Compact, lightweight and ergonomic design
- High-quality 6x monocular with multilayer coating for bright, clear images
- Large eye cup for easy viewing (18mm)
- Wide field of view (7.5 degrees)
- Long eye relief design affords eyeglass wearers easy viewing
- Dioptre adjustment function
- Rainproof — JIS/IEC protection class 4 (IPX4) equivalent (under our testing conditions)
- Wide temperature tolerance: -10°C to +50°C

* For specifications, see p 58.
**Pocket-sized, compact model — the smallest and lightest COOLSHOT in the series**

- **Measurement range:** 5-500m/6-550 yd.
- **First Target Priority mode is employed.** When measuring overlapping subjects, the distance of the closest subject is displayed — useful when golfing for measuring the distance to a flagstick on a green with woods in the background.
- A single press of the POWER button provides 8-second continuous measurement, which enables measurement even with slight hand movement.
- Quick and stable measurement response regardless of distance — HYPER READ.
- Displays the measurement result in approx. 8.5 seconds.
- Distance measurement display step size is 0.5 m/yd.
- Compact, lightweight and ergonomic design.
- High quality 6x monocular with multilayer coating for bright, clear images.
- Large focus wheel for easy focusing.
- 10x High Definition eyepiece for narrow eyepoint.
- Long eye relief design affords eyeglass wearers easy viewing.
- Dioptr adjustment function.
- Rainproof — JIS/IEC protection class 4 (IPX4) equivalent (under our testing conditions).
- Wide temperature tolerance: -10°C to +50°C.

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**COOLSHOT 40**

**COOLSHOT 20**
ACULON Laser Rangefinders

ID Technology displays horizontal distance and actual distance — achieving long-distance measurement up to 1,200m (1,300 yd.)

- Measurement range: 7.3-1,200m/8-1,300 yd.
- Horizontal Distance display mode and Actual Distance display mode can be easily switched — ID (incline/decline) Technology
- Target Priority Switch System for measuring overlapping subjects:
  - First Target Priority mode displays the distance of the closest subject — useful when measuring the distance to a subject in front of an overlapping background.
  - Distant Target Priority mode displays that of the farthest subject — useful in wooded areas.
- Quick and stable measurement response regardless of distance — HYPER READ
- Displays the measurement result in approx. 0.5 second
- Single or continuous measurement (up to 8 seconds)
- Compact, lightweight and ergonomic design
- High-quality 6x monocular with multilayer coating for bright, clear images
- Large ocular for easy viewing (18mm)
- Wide field of view (7.5 degrees)
- Long eye relief design affords eyeglass wearers easy viewing
- Dioptre adjustment function
- Waterproof (up to 1m/3.3 ft. for 10 minutes), but not for underwater usage; the battery chamber is water-resistant
- Wide temperature tolerance: -10°C to +50°C

Internal display
- 1. Distance
- 2. Target mark (           )
- 3. Horizontal Distance mode
- 4. First Target Priority mode
- 5. Distant Target Priority mode
- 6. Unit of measure (m/yd.)
- 7. Laser irradiation mark (       )
- 8. Battery condition

Compact laser rangefinder with Distant Target Priority mode

- Measurement range: 5-590m/6-650 yd.
- Distant Target Priority mode is employed. When measuring overlapping subjects, the distance of the farthest subject is displayed — useful in wooded areas.
- Compact, lightweight (approx. 125g) and ergonomic design
- Distance measurement display step is 1m/yd.
- High-quality 6x monocular with multilayer coating for bright, clear images
- Large ocular for easy viewing (18mm)
- Wide field of view (7.5 degrees)
- Long eye relief design affords eyeglass wearers easy viewing
- Dioptre adjustment function
- Rainproof — JIS/IEC protection class 4 (IPX4) equivalent (under our testing conditions)
- Wide temperature tolerance: -10°C to +50°C

Internal display
- 1. Distance
- 2. Target mark (           )
- 3. Horizontal Distance mode
- 4. First Target Priority mode
- 5. Distant Target Priority mode
- 6. Unit of measure (m/yd.)
- 7. Laser irradiation mark (       )
- 8. Battery condition

Display mode cycle

PROSTAFF 7i

Easy-to-hold, ergonomically designed body plus ID Technology

- Measurement range: 1-1,200m/1.3-1,300 yd.
- Horizontal Distance display mode and Actual Distance display mode can be easily switched — ID (incline/decline) Technology
- Target Priority Switch System for measuring overlapping subjects:
  - First Target Priority mode displays the distance of the closest subject — useful when measuring the distance to a subject in front of an overlapping background.
  - Distant Target Priority mode displays that of the farthest subject — useful in wooded areas.
- Quick and stable measurement response regardless of distance — HYPER READ
- Displays the measurement result in approx. 0.5 second
- Distance measurement display step is 0.1m/yd.
- Single or continuous measurement (up to 20 seconds)
- Compact, lightweight and ergonomic design
- High-quality 6x monocular with multilayer coating for bright, clear images
- Large ocular for easy viewing (18mm)
- Wide field of view (7.5 degrees)
- Long eye relief design affords eyeglass wearers easy viewing
- Dioptre adjustment function
- Rainproof — JIS/IEC protection class 4 (IPX4) equivalent (under our testing conditions)
- Wide temperature tolerance: -10°C to +50°C

Internal display
- 1. Distance
- 2. Target mark (           )
- 3. Horizontal Distance mode
- 4. First Target Priority mode
- 5. Distant Target Priority mode
- 6. Unit of measure (m/yd.)
- 7. Laser irradiation mark (       )
- 8. Battery condition

Display mode cycle

PROSTAFF 3i

Compact laser rangefinder with Distant Target Priority mode

- Measurement range: 5-590m/6-650 yd.
- Distant Target Priority mode is employed. When measuring overlapping subjects, the distance of the farthest subject is displayed — useful in wooded areas.
- Compact, lightweight (approx. 125g) and ergonomic design
- Distance measurement display in 0.5 second
- High-quality 6x monocular with multilayer coating for bright, clear images
- Long eye relief design affords eyeglass wearers easy viewing
- Dioptre adjustment function
- Single or continuous measurement (up to 26 seconds)
- Rainproof — JIS/IEC protection class 4 (IPX4) equivalent (under our testing conditions)
- Wide temperature tolerance: -10°C to +50°C

Internal display
- 1. Distance
- 2. Target mark (           )
- 3. Horizontal Distance mode
- 4. First Target Priority mode
- 5. Distant Target Priority mode
- 6. Unit of measure (m/yd.)
- 7. Laser irradiation mark (       )
- 8. Battery condition

Display mode cycle

ACULON
Forestry Pro

Ideal for basic forestry and land surveys — display in metric, yards or feet

- Measurement range: 10-500m/11-550 yd./33-999 ft.
- In addition to actual distance, horizontal distance, height, angle and vertical separation (difference in height between two targets) measurement functions, three-point measurement (height between two points) is available
- The results are displayed in both internal and external LCD panels. The external panel displays all results simultaneously.
- Target Priority Switch System for measuring overlapping subjects:
  - First Target Priority mode displays the distance of the closest subject — useful when measuring the distance to a subject in front of an overlapping background
  - Distant Target Priority mode displays the distance of the farthest subject — useful in wooded areas
- High-quality 6x monocular with multilayer coating produces bright, clear images
- Long eye-relief design affords eyeglass wearers easy viewing
- Dioptre adjustment function
- Single or continuous measurement (up to 20 seconds)
- Waterproof (up to 1 meter for 10 minutes) but not for underwater usage; the battery chamber is water resistant
- Wide temperature tolerance: -10°C to +50°C

**Measurement example (2-point height measurement)**

When the measurement is successful, you see the height from the base to the top displayed on the internal LCD with Hgt + Hgt2 (solid). For more information, refer to the external LCD. “Base” and “Top” can be switched.

**Measurement example (Three-point measurement: height between two points)**

When three-point measurement is achieved, the height between points 2 and 3 is displayed on the internal LCD with Hor Hgt+Hgt2 (solid), and Hgt(2) and Ang(2) are shown on the external LCD. Points 2 and 3 can be reversed.

*For specifications, see p. 59.*
Binocular Telescope

20x120 Binocular Telescope

• Large 120mm objective diameter and multilayer coating for bright images even in the dark
• Sharp image realised by aberration compensation
• Waterproof (up to 2m/6.6 ft. for 10 minutes), filled with nitrogen gas, fog-free and dust resistance
• Shock and corrosion-resistant structure
• Long eye relief design ensures a clear field of view, even for eyeglass wearers
• Easy handling with 360° azimuth and -30° — +70° tilting
• Weight (with stand, binocular tubes in horizontal position): 440g
• Rigifixed pillar stand (option) is available

<table>
<thead>
<tr>
<th>Model name</th>
<th>20x120 III</th>
</tr>
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<tbody>
<tr>
<td>Magnification (x)</td>
<td>20</td>
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<tr>
<td>Objective diameter (mm)</td>
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<tr>
<td>Angular Field of view (Real) (°)</td>
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<tr>
<td>Angular Field of view (Apparent) (°)</td>
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<td>Field of view at 1,000m (m)</td>
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<tr>
<td>Exit pupil (mm)</td>
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<td>Relative brightness</td>
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<td>Close focusing distance (m)</td>
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<td>Interpupillary distance adjustment (mm)</td>
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<td>Weight (kg)</td>
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Exceptional Optics for Specialised Needs

Dedicated applications demand the expert attention that only Nikon delivers

© Yasuteru Yamano
Loupes

Reading Magnifier L1 Series

- Built-in LED illumination provides natural light across a broad area
- Lighting unit easily mounted or retractable. Lighting angle can also be adjusted.
- High-precision optical glass lenses reduces image distortion all the way to the lens periphery
- Hard coating on the lenses surfaces to prevent scratching
- Can be held in either left or right hand
- Available in two types: 4D and 8D
- Rubber material on the handle for a comfortable, secure grip
- Hard coating on the lens surfaces to prevent scratching
- Built-in LED illumination provides natural light across a broad area
- Available in two colours: red and blue, and three types: 4D, 8D and 10D

Model name
L1-4D
L1-8D
L1-10D

Effective size/diameter of lens (mm) 100 x 54 80 60
Colour Reference magnification of lens (x) 1.5 2 2.5
Refractive power (dioptres) 4 8 10
Effective size of lens (mm) 100 x 54 80 60
Power LR03 (AAA size) alkaline battery x 1
Size (L x W x D) (mm) 160 x 198 x 17 230 x 91 x 17 190 x 71 x 15
Weight (g) 115 114 93

Reading Magnifier L1-4D

- Minimizes the burden on the hand and arm while holding
- Hard coating on the lenses surfaces to prevent scratching
- Can be held in either left or right hand

Model name
L1-4D (Square type)
L1-8D (Round type)

Effective size/diameter of lens (mm) 100 x 54 80 60
Colour Reference magnification of lens (x) 1.5 2 2.5
Refractive power (dioptres) 4 8 10
Effective size of lens (mm) 100 x 54 80 60
Power LR03 (AAA size) alkaline battery x 1
Size (L x W x D) (mm) 160 x 198 x 17 230 x 91 x 17 190 x 71 x 15
Weight (g) 115 114 93

Reading Magnifier L1-8D

- Minimizes the burden on the hand and arm while holding
- Hard coating on the lenses surfaces to prevent scratching
- Can be held in either left or right hand

Model name
L1-4D (Square type, Red)
L1-8D (Round type)

Effective size/diameter of lens (mm) 100 x 54 80 60
Colour Reference magnification of lens (x) 1.5 2 2.5
Refractive power (dioptres) 4 8 10
Effective size of lens (mm) 100 x 54 80 60
Power LR03 (AAA size) alkaline battery x 1
Size (L x W x D) (mm) 160 x 198 x 17 230 x 91 x 17 190 x 71 x 15
Weight (g) 115 114 93

Precision Loupe (for connoisseurs)

- Compact, portable body
- Built-in illumination system (Fieldmicroscope)
- Made of environmentally friendly materials
- Upright, unreversed image; eyepiece dioptre adjustable
- Exclusive compact design for easy operation

Fieldmicroscopes

Fieldmicroscope Mini

- Compact, portable body
- Built-in illumination system (Fieldmicroscope)
- Made of environmentally friendly materials
- Upright, unreversed image; eyepiece dioptre adjustable
- Exclusive compact design for easy operation

Fieldmicroscope Mini

- Compact, portable body
- Built-in illumination system (Fieldmicroscope)
- Made of environmentally friendly materials
- Upright, unreversed image; eyepiece dioptre adjustable
- Exclusive compact design for easy operation

EZ-Micro

- Enables photography with a Nikon COOLPIX digital camera
- Digital observation on 25x micrographs
- Made with environmentally friendly materials
- Lightweight design
- Exclusive compact design for easy operation

Exceptional Optics for Specialised Needs
## Technical Data

### Model name
- **EDG 8x32**
- **EDG 10x32**
- **EDG 7x42**
- **EDG 8x42**
- **EDG 10x42**
- **MONARCH 7 8x30**

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### Specifications

### Model name
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- **MONARCH 7 10x42**
- **MONARCH 7 8x42**
- **MONARCH 7 10x42**
- **MONARCH 5 8x42**
- **MONARCH 5 10x42**
- **MONARCH 5 12x42**

### Model name
- **MONARCH 5 8x56**
- **MONARCH 5 16x56**
- **MONARCH 5 20x56**
- **PROSTAFF 7S 8x30**
- **PROSTAFF 7S 10x30**
- **PROSTAFF 7S 8x42**

### Specifications

### Binoculars

#### Notes
- Apparent field of view is calculated based on the ISO 14132-1:2002 standard. For details, see p. 54.

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### Specifications

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<tr>
<td>Field of view at 1,000m (m)</td>
<td>140</td>
<td>105</td>
<td>112</td>
<td>114</td>
<td>91</td>
<td>73</td>
<td>80</td>
<td>66</td>
<td>105</td>
<td>87</td>
<td>122</td>
<td>105</td>
</tr>
<tr>
<td>Exit pupil (mm)</td>
<td>5.3</td>
<td>4.2</td>
<td>7.1</td>
<td>5.0</td>
<td>4.2</td>
<td>3.1</td>
<td>5.3</td>
<td>5.0</td>
<td>3.1</td>
<td>2.5</td>
<td>2.5</td>
<td>4.0</td>
</tr>
<tr>
<td>Relative brightness</td>
<td>28.1</td>
<td>17.6</td>
<td>50.4</td>
<td>25.0</td>
<td>17.6</td>
<td>9.6</td>
<td>28.1</td>
<td>25.0</td>
<td>9.6</td>
<td>6.3</td>
<td>6.3</td>
<td>16.0</td>
</tr>
<tr>
<td>Eye relief (mm)</td>
<td>12.0</td>
<td>11.6</td>
<td>17.6</td>
<td>11.8</td>
<td>11.5</td>
<td>12.6</td>
<td>9.8</td>
<td>8.6</td>
<td>15.0</td>
<td>13.0</td>
<td>20.0</td>
<td>18.5</td>
</tr>
<tr>
<td>Close focusing distance (m)</td>
<td>5.0</td>
<td>5.0</td>
<td>8.0</td>
<td>7.0</td>
<td>8.0</td>
<td>9.0</td>
<td>13.0</td>
<td>15.0</td>
<td>3.0</td>
<td>3.0</td>
<td>3.0</td>
<td>2.5</td>
</tr>
<tr>
<td>Interpupillary distance adjustment (mm)</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
</tr>
<tr>
<td>Weight (g)</td>
<td>755</td>
<td>760</td>
<td>905</td>
<td>900</td>
<td>910</td>
<td>925</td>
<td>825</td>
<td>960</td>
<td>275</td>
<td>275</td>
<td>785</td>
<td>785</td>
</tr>
<tr>
<td>Length (mm)</td>
<td>145</td>
<td>145</td>
<td>180</td>
<td>179</td>
<td>179</td>
<td>179</td>
<td>163</td>
<td>197</td>
<td>125</td>
<td>122</td>
<td>157</td>
<td>157</td>
</tr>
<tr>
<td>Width (mm)</td>
<td>185</td>
<td>185</td>
<td>197</td>
<td>197</td>
<td>197</td>
<td>197</td>
<td>185</td>
<td>197</td>
<td>115 (56*)</td>
<td>115 (56*)</td>
<td>115 (56*)</td>
<td>115 (56*)</td>
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<tr>
<td>Depth (mm)</td>
<td>62</td>
<td>62</td>
<td>68</td>
<td>68</td>
<td>68</td>
<td>68</td>
<td>61</td>
<td>68</td>
<td>44 (56*)</td>
<td>44 (56*)</td>
<td>62</td>
<td>62</td>
</tr>
<tr>
<td>Type</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
<td>Porro</td>
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</tbody>
</table>

**Note:** Apparent field of view is calculated based on the ISO 14132-1:2002 standard. For details, see p 54.
### High Grade

<table>
<thead>
<tr>
<th>Model name</th>
<th>Magnification (x)</th>
<th>Objective diameter (mm)</th>
<th>Field of view at 1,000m (m)</th>
<th>Exit pupil (mm)</th>
<th>Relative brightness</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRAVELITE EX 10x25CF</td>
<td>10</td>
<td>25</td>
<td>113</td>
<td>3.1</td>
<td>3.8</td>
</tr>
<tr>
<td>TRAVELITE EX 12x25CF</td>
<td>12</td>
<td>25</td>
<td>113</td>
<td>3.1</td>
<td>3.8</td>
</tr>
<tr>
<td>TRAVELITE EX 15x25CF</td>
<td>15</td>
<td>25</td>
<td>113</td>
<td>3.1</td>
<td>3.8</td>
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</table>

### Elegant Compact

<table>
<thead>
<tr>
<th>Model name</th>
<th>Magnification (x)</th>
<th>Objective diameter (mm)</th>
<th>Field of view at 1,000m (m)</th>
<th>Exit pupil (mm)</th>
<th>Relative brightness</th>
</tr>
</thead>
<tbody>
<tr>
<td>7x50CF WP</td>
<td>7</td>
<td>50</td>
<td>101</td>
<td>5.0</td>
<td>5.0</td>
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<tr>
<td>8x50CF WP</td>
<td>8</td>
<td>50</td>
<td>101</td>
<td>5.0</td>
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<tr>
<td>10x50CF WP</td>
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### Compact

<table>
<thead>
<tr>
<th>Model name</th>
<th>Magnification (x)</th>
<th>Objective diameter (mm)</th>
<th>Field of view at 1,000m (m)</th>
<th>Exit pupil (mm)</th>
<th>Relative brightness</th>
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</thead>
<tbody>
<tr>
<td>7x40CF WP</td>
<td>7</td>
<td>40</td>
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<tr>
<td>8x40CF WP</td>
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<td>40</td>
<td>93</td>
<td>5.6</td>
<td>5.6</td>
</tr>
<tr>
<td>10x40CF WP</td>
<td>10</td>
<td>40</td>
<td>93</td>
<td>5.6</td>
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</table>

### Marine

<table>
<thead>
<tr>
<th>Model name</th>
<th>Magnification (x)</th>
<th>Objective diameter (mm)</th>
<th>Field of view at 1,000m (m)</th>
<th>Exit pupil (mm)</th>
<th>Relative brightness</th>
</tr>
</thead>
<tbody>
<tr>
<td>10x70IF HP WP</td>
<td>10</td>
<td>70</td>
<td>126</td>
<td>7.1</td>
<td>50.4</td>
</tr>
<tr>
<td>10x50CF WP</td>
<td>10</td>
<td>50</td>
<td>89</td>
<td>5.0</td>
<td>50.4</td>
</tr>
</tbody>
</table>

### Standard

<table>
<thead>
<tr>
<th>Model name</th>
<th>Magnification (x)</th>
<th>Objective diameter (mm)</th>
<th>Field of view at 1,000m (m)</th>
<th>Exit pupil (mm)</th>
<th>Relative brightness</th>
</tr>
</thead>
<tbody>
<tr>
<td>10x70IF HP WP</td>
<td>10</td>
<td>70</td>
<td>126</td>
<td>7.1</td>
<td>50.4</td>
</tr>
<tr>
<td>10x50CF WP</td>
<td>10</td>
<td>50</td>
<td>89</td>
<td>5.0</td>
<td>50.4</td>
</tr>
</tbody>
</table>

---

Note: Apparent field of view is calculated based on the ISO 14132-1:2002 standard. For details, see p 54.
### Specifications

<table>
<thead>
<tr>
<th>Length (mm)</th>
<th>177</th>
<th>101</th>
<th>126</th>
<th>217</th>
<th>304</th>
<th>293</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width (mm)</td>
<td>196</td>
<td>181</td>
<td>183</td>
<td>210</td>
<td>234</td>
<td>234</td>
</tr>
<tr>
<td>Interpupillary distance adjustment (mm)</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
<td>56-72</td>
</tr>
<tr>
<td>Close focusing distance (m)</td>
<td>7.0</td>
<td>3.0</td>
<td>5.0</td>
<td>12.4</td>
<td>25.0</td>
<td>81.0</td>
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<tr>
<td>Relative brightness</td>
<td>9.6</td>
<td>14.4</td>
<td>12.3</td>
<td>50.4</td>
<td>49.0</td>
<td>15.2</td>
</tr>
<tr>
<td>Field of view at 1,000m (m)</td>
<td>61</td>
<td>154</td>
<td>122</td>
<td>128</td>
<td>89</td>
<td>70</td>
</tr>
<tr>
<td>Exit pupil (mm)</td>
<td>3.1</td>
<td>3.8</td>
<td>3.5</td>
<td>7.1</td>
<td>7.0</td>
<td>3.9</td>
</tr>
<tr>
<td>Eye relief (mm)</td>
<td>17.8</td>
<td>13.8</td>
<td>13.8</td>
<td>16.2</td>
<td>16.3</td>
<td>15.4</td>
</tr>
<tr>
<td>Magnification (x)</td>
<td>16</td>
<td>8</td>
<td>10</td>
<td>7</td>
<td>10</td>
<td>18</td>
</tr>
</tbody>
</table>

### Type Porro Porro Porro Porro Porro Porro

### Depth (mm) 68 54 54 80 91 91

### EDG VR Fieldscopes

<table>
<thead>
<tr>
<th>Model name</th>
<th>EDG Fieldscope 85 VR</th>
<th>EDG Fieldscope 85-A VR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Objective diameter (mm)</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>Close focusing distance (m)</td>
<td>3.0</td>
<td>5.0</td>
</tr>
<tr>
<td>Magnification (x)</td>
<td>8</td>
<td>5.0</td>
</tr>
<tr>
<td>Objective diameter (mm)</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>Exit pupil (mm)</td>
<td>1.79</td>
<td>2.38</td>
</tr>
<tr>
<td>Magnification (x)</td>
<td>1.58</td>
<td>2.00</td>
</tr>
</tbody>
</table>

#### Field of view at 1,000m (m)

For example, the apparent field of view of the binoculars with an 8.8° field of view at 1,000m is calculated as follows:

\[
\text{Field of view} = 2 \times \tan^{-1} \left( \frac{8 \times \tan 4.4°}{2} \right) = 8.8°
\]

### Tripod/monopod adaptors

- EDG 8x32HG L DCF
- 10x42HG L DCF
- 8x42HG L DCF
- PROSTAFF 7 8x42/10x42
- PROSTAFF 7S 8x30/10x30/8x42/10x42
- MONARCH 3 8x42/10x42/12x42/8x56/16x56/20x56
- MONARCH 7 8x30/10x30/8x42/10x42
- EDG 8x32/10x32/7x42/8x42/10x42

### Hard (H) type

- FEP-38W
- FEP-50W
- FEP-30W
- FEP-75W

### Usable models

- 8x32HG L DCF
- 10x42HG L DCF
- 8x42HG L DCF
- PROSTAFF 7 8x42/10x42
- PROSTAFF 7S 8x30/10x30/8x42/10x42
- MONARCH 3 8x42/10x42/12x42/8x56/16x56/20x56
- MONARCH 7 8x30/10x30/8x42/10x42
- EDG 8x32/10x32/7x42/8x42/10x42

### FEP-20-60

- 2.2-1.1
- 42-60
- 38-19
- 4.3-1.4
- 18.5-2.0
- 18.4-16.5
- 330

### FEP-25 LER

- 1.4-1.1
- 55.3-48
- 32-28
- 320

### FEP-38W

- 1.9-1.6
- 64.3-54
- 17-12
- 230

### FEP-50W

- 1.4-1.1
- 64.3-52
- 24-17
- 230

### FEP-75W

- 1.0-0.9
- 64.3-31
- 17-12
- 230

### FEP-20W

- 8.8°
- 8

### FEP-30W

- 42-60
- 8.8°

### FEP-50W

- 1.4-1.1
- 64.3-52
- 24-17
- 230

### FEP-75W

- 1.0-0.9
- 64.3-31
- 17-12
- 230

### FEP-20-60

- 2.2-1.1
- 42-60
- 38-19
- 4.3-1.4
- 18.5-2.0
- 18.4-16.5
- 330
### Eyepieces for Fieldscope ED50/ED50 A

<table>
<thead>
<tr>
<th>Model name</th>
<th>Magnification (x)</th>
<th>Angular field of view (Real/degree)</th>
<th>Exit pupil (mm)</th>
<th>Relative brightness</th>
<th>Eye relief (mm)</th>
<th>Weight (g)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SEP-25</td>
<td>20</td>
<td>2.8 (at 20x)</td>
<td>6.0 (at 20x)</td>
<td>17.6</td>
<td>16.9</td>
<td>135</td>
</tr>
<tr>
<td>SEP-38</td>
<td>25</td>
<td>2.2 (at 25x)</td>
<td>6.0 (at 25x)</td>
<td>17.6</td>
<td>16.9</td>
<td>155</td>
</tr>
<tr>
<td>SEP-20-60</td>
<td>16-48</td>
<td>2.6 (at 16x)</td>
<td>6.0 (at 16x)</td>
<td>18.4</td>
<td>16.9</td>
<td>225</td>
</tr>
</tbody>
</table>

* Apparent field of view is calculated based on the ISO 14132-1:2002 standard. For details, see p 54.

### Specifications

**Objective diameter (mm)**  82  82  60  60  60  50  50

**Length (mm)*1**  377  377  305  305  315  209  207

**Weight**  950  960  740  750  620  455  470

*1 Body only (except PROSTAFF 3 Fieldscope). *2 For detailed specifications, see p 57.
### Laser Rangefinders

<table>
<thead>
<tr>
<th>Model name</th>
<th>COOLSHOT 40i</th>
<th>COOLSHOT 40</th>
<th>COOLSHOT 20</th>
<th>PROSTAFF 7i</th>
<th>PROSTAFF 3i</th>
<th>ACULON</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Measurement range</strong></td>
<td>7.5-590m/8-650 yd.</td>
<td>5-500m/6-550 yd.</td>
<td>7.3-1,200m/8-1,300 yd.</td>
<td>7.3-590m/8-650 yd.</td>
<td>5-500m/6-550 yd.</td>
<td>1-2,000m/1,100 yd.</td>
</tr>
</tbody>
</table>

#### Distance display (Increment)

- **Actual distance (upper 4-digit):** every 0.5m/yd.
- **Actual distance (lower 3-digit):** every 1m/yd.
- **Horizontal distance (upper 4-digit):** every 0.2m/yd.
- **Height (lower 3-digit):** every 0.2m/yd. (shorter than 100m/yd.); every 1m/yd. (100m/yd. and over)
- **Slope adjusted distance (Horizontal distance ± Height):** every 0.2m/yd.

#### Accuracy (Actual distance)

- **±0.75m/yd.** (shorter than 100m/yd.)
- **±1m/yd.** (100m/yd. and over)
- **±2m/yd.** (100m/yd. and over)

#### Finder

- **Magnification (x):** 6
- **Effective objective diameter (mm):** 21
- **Actual field of view (˚):** 7.5
- **Exit pupil (mm):** 3.5
- **Eye relief (mm):** 18.3
- **Dimensions (L x H x W) (mm):** 112 x 70 x 36
- **Weight (excluding battery):** 160

#### Power source

- **CR2 lithium battery x 1 (DC 3V)**
- **Auto power shutoff function equipped (after about 8 sec.)**

#### Laser classification

- **IEC60825-1: Class 1M Laser Product**
- **FDA/21 CFR Part 1040.10: Class I Laser Product**

#### Environment

- **RoHS, WEEE**

The specifications of these products may not be achieved depending on the target object's shape, surface texture and nature, and/or weather conditions.

* Values subject to measurement conditions.
Nikon is constantly developing new ways to prevent environmental pollution and ensure a healthier ecosystem. Under the Nikon Basic Policy for Green Procurement — a diverse range of activities designed to reduce the environmental impact of our products — we employ materials, parts, and packaging items produced with special concern for the environment. We also cut waste by implementing environmental policies that extend the life of our products and simplify repairs, while minimising energy consumption through more efficient use of power.

At Nikon, we're wholly committed to developing innovative and exciting eco-friendly products for our precious world.

WARNING

Never look at the sun directly through optical equipment. It may cause damage to or loss of eyesight.