EDG Fieldscopes/Binoculars
EDG Fieldscope 85 VR/85-A VR/85/85-A/65/65-A
EDG 7x42/8x42/10x42/8x32/10x32
Founded in 1917, Nikon has been making binoculars for more than 90 years, constantly pushing the envelope to come up with new and innovative technologies that enhance people’s vision. The ED glass used in our NIKKOR lenses, for example, is celebrated by the world’s top professional photographers for its exceptionally sharp, clear images. While the optics used in Nikon steppers — used to manufacture semiconductors — are able to resolve images with nanometric precision, making them some of the most exacting devices ever developed. Now we’re taking that passion to new heights with our unprecedented lineup of extraordinary sport optics, Nikon EDG.

EDG redefines the way you view nature, with a striking extra dimension of edge-to-edge sharpness, superior colour fidelity, and much more. See whites in a different way — pure and untainted. Nikon’s optical innovations — including our renowned ED (Extra-low Dispersion) glass, dielectric high reflective multilayer prism coating, field-flattener lens system, advanced multilayer coating applied to all lens elements and prisms, phase-correction coating on the roof prism, and the VR (Vibration Reduction) system newly employed in Nikon’s EDG Fieldscopes for measurably comfortable viewing — set the stage for an exhilarating new viewing experience. And it’s all combined synergistically in a rugged, finely balanced body that’s a pleasure to hold and use. Discover for yourself the extraordinary benefits of Nikon EDG.
Experience comfortable viewing with minimised blur achieved by Nikon’s original VR (Vibration Reduction) system

For the first time in the world, Nikon incorporates its lens-shift type VR (Vibration Reduction) system that is based on technologies developed for NIKKOR VR lenses into EDG Fieldscopes, to reduce image blur caused by vibrations and realise comfortable viewing. Even slight vibrations transmitted from a tripod can be reduced. This VR system opens the door to a new world of “vision with the highest tranquility.”

Stress-free observation realised by reducing vibrations to approx. 1/8* with Nikon’s VR (Vibration Reduction) system

In pursuit of more stable vision, EDG Fieldscope 85 VR/85-A VR employs Nikon’s VR system that utilizes the basic mechanism developed in NIKKOR lenses and algorithms optimised for Fieldscopes. As a result, external vibrations caused by wind, operational vibrations during focusing, panning or tilting, and internal vibrations on a tripod, are accurately compensated. While reducing vibrations during observation to approx. 1/8, it also provides the equivalent of a shutter speed approx. 2-stops* faster in digiscoping. Annoying image blur that is likely to occur during observation and in digiscoping, especially in windy or other bad conditions, is greatly reduced.

*Based on Nikon Fieldscope measuring standard (used with tripod)

Precise sensing mechanism and control reduce vibrations — two vibration detection sensors and VCMs (Voice Coil Motor)

Two vibration detection sensors detect pitching (vertical movement) and yawing (horizontal movement), then via high-speed calculation, the direction and size of vibration can be computed. Based on the results, two Voice Coil Motors command the vibration reduction optical system accurately and quickly to eliminate image blur caused by vibrations.

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Upper operability and reliability — easy-to-press VR button and VR lock knob for safe transportation

After turning the VR lock knob, pressing the VR button once sets VR on. Easy operation is ensured without disturbing your observation. LED which lights up when VR is on can be confirmed from above or from the eyepiece side. The VR lock knob mechanically fixes the VR optical system for safe transportation.

No hassle even if batteries are exhausted — readily available AA-size batteries

The power source is readily available AA-size batteries. When AA-size alkaline batteries are used, approx. 17-hour drive is possible. Auto power off function automatically disables the VR system approx. 30 minutes after it is turned on to save battery power. Pressing the VR button during activation turns power OFF.

*Battery life varies depending on conditions, temperature and vibrations

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**Advantages of Nikon’s VR system**

With VR operating, image blur caused by vibrations during observation is reduced to approx. 1/8*, making composition easy. Also, this enhances focusing accuracy even when using manual focus during super-telephoto digiscoping. The system provides an effect equivalent to a shutter speed approx. 2 stops* faster and is especially effective when digiscoping in bad conditions such as when a tripod is buffeted by wind.

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**Capture images at any moment, the way you imagine them:**

a new realm of digiscoping beauty.

Besides observation, EDG Fieldscopes are designed for digiscoping, allowing smooth connections to a digital camera for spectacular telephoto pictures. The advanced optical system, well-balanced body, smooth focusing and newly added VR system that reduces image blur by providing the equivalent of shooting at a shutter speed up to approx. 2 stops* faster — all these and more will let you capture beautiful moments of high precision and image quality. Uniquely Nikon, uniquely EDG.
Comprehensively systematised digiscoping for optimum results

Nikon’s EDG digiscoping system consistently delivers superior performance for comfortable shooting, achieving quality results. It does this through Nikon’s totally integrated design: the high-quality optical system, dependable body design, newly employed VR system for remarkable blur-reduction effects and smooth focusing. Everything needed for the best results is incorporated here.

Nikon Digiscoping System Chart for EDG Fieldscopes

Fieldscope Digital SLR Camera Attachment FSA-L2

World’s first 3.5x zoom
Super-telephoto shooting with a focal length of up to 1,750mm is achieved

Quickly and easily attaches directly to the F-mount of a Nikon digital SLR camera, for easy connection with your EDG Fieldscope. Multilayer coating is applied to all lens elements for brighter optics. The zoom function features an internal vari-magnification system, with magnification of 3.5x. When attached to EDG Fieldscope 85 series, the focal length ranges from 500mm to 1,750mm. As for the camera’s exposure mode, in addition to Metered Manual, Aperture-Priority Auto Mode is available. Provides a natural synchronisation in exterior design when attached to a digital SLR camera and EDG Fieldscope.

* Camera’s autofocusing mode cannot be used. Perform focusing using the EDG Fieldscope focusing ring.
* Camera’s exposure meter activates even in Manual exposure mode.
* When used with a Nikon DX-format digital SLR camera, the picture angle is equivalent to approx. 1.5x focal length of 35mm format.
* The actual f-number and the focal length vary depending on the actual zoom setting, while the camera display and image data show the constant f-number (13) and focal length (800mm).
* When used with a Nikon FX-format camera, vignetting occurs at focal lengths between 500mm and 750mm with EDG Fieldscope 85 series and between 400mm and 600mm with EDG Fieldscope 65 series.
* Because the optical system characteristics differ from those of ordinary interchangeable lenses, use exposure compensation if necessary. Exposure compensation setting may differ when using EDG Fieldscope 85/65-A/85-A VR.

FSA-L2 Specifications

- **Magnification**: 3.5x zoom
- **Mount**: Bayonet mount
- **Exposure mode (camera setting)**: A (Aperture-Priority Auto) / M (Metered Manual)
- **Exposure metering (camera setting)**: Centre-weighted metering
- **Length x diameter**: 150mm x 62mm
- **Weight**: 435g

With EDG Fieldscope 85 series
- **Focal length**: 500 - 1,750mm
- **Aperture (focal length)**: f/5.9 - 21 (500mm - 1,750mm)

With EDG Fieldscope 65 series
- **Focal length**: 400 - 1,400mm
- **Aperture (focal length)**: f/6.2 - 22 (400mm - 1,400mm)

EDG Fieldscope 85/85-A/65/65-A
85 VR/85-A VR

EDG Fieldscope Eyepiece
FEF series (except FEF-2D40)

Digital Camera Bracket FSB series*

Digital Camera Bracket FSB series*

* Digital Camera Bracket FSB series

The FSB series brackets are adapters that allows you to connect wide selection of Nikon COOLPIX series compact digital camera to EDG Fieldscopes, enabling you to enjoy digiscoping.

* Simulated images
Nikon’s superior chromatic-aberration compensation system:
ED glass elements with advanced apochromat
EDG Fieldscopes bring together Nikon’s most sophisticated lens technologies with a precision optical design that gives you a sharper, more brilliant field of view. Our apochromat optical system, which uses ED (Extra-low Dispersion) glass, corrects violet chromatic aberration in addition to the conventional chromatic aberrations of red, blue, and green. Because chromatic aberrations are corrected to the furthest limits of the visible light range, and colour fringing is effectively compensated, whites are clearer and sharper.

Strikingly brighter, clearer views: Advanced multilayer coating
The sophisticated coating Nikon applies to EDG Fieldscopes goes far beyond conventional methods. Multilayer coatings, which provide an even, high-light-transmittance across the entire visible light spectrum, are applied to all of the lens and prism surfaces that transmit light. This minimises the loss of light due to reflection, thereby ensuring a more natural, clearer view.

Outstanding optical performance in a slim design: Roof (Dach) prism with superior prism coating technology
EDG Fieldscopes use a roof (Dach) prism, enabling an exterior design of unparallelled beauty. Angled models achieve clearer images thanks to an optical system that employs a prism featuring total reflection on the internal surfaces. In the straight models, a dielectric high-reflective multilayer prism coating is applied to surfaces that do not offer total reflection in order to realize a brighter viewfield. Both straight and angled models boast an advanced level of exterior design and internal optical performance.

Crystal-clear view and superior colour fidelity: Cutting-edge optics for superior light transmission
A wealth of advanced technologies are integrated into each and every optical part of an EDG Fieldscope. This cutting-edge technology results in a higher light transmission rate and flatter characteristics across the entire visible light range. This means you’ll experience a crystal-clear field of view and more natural colour reproduction.

Enjoy crystal-clear viewing courtesy of a rich mix of superior Nikon optical technologies
Now you can zero in on nature’s most intimate moments, such as nestlings feeding from their mother’s bill and countless other exciting revelations. Nikon EDG Fieldscopes bring together a rich diversity of sophisticated Nikon optical technologies to deliver images of edge-to-edge sharpness with outstanding colour fidelity. Discover a new depth in your nature observations with Nikon EDG Fieldscopes.

Edge-to-edge sharpness: Field-flattener lens system
See everything as clearly in peripheral areas as at the centre. Nikon EDG Fieldscopes employ Nikon’s long-recognised field flattener lens system to give you consistent sharpness, compensated for field curvature, across the entire field of view. And our expert lens design minimises astigmatism and coma aberration to ensure that you enjoy sharp, clear vision.

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Without field-flattener lens system
* Simulated images

©Vincent Munier

* Designed value

(For reference example only)
An exquisite body, achieved by sophisticated simulation engineering

Nikon EDG Fieldscopes deliver greater satisfaction for all aspects of viewing and digiscoping. Tested and proven for reliable performance in the most diverse conditions, you’ll rest assured that you have the finest technology for observing and photographing wildlife as it truly is.

More stable observation: Tougher structure, optimum balance and weight via CAE design

Nikon employed CAE (Computer Aided Engineering) in pursuit of the ideal body construction. We maintained a strict continuity from design, through simulation, to problem solving and re-design, in order to achieve the optimum weight and aerodynamic balance. To realise stability for both observation and digiscoping, the stiffness and integrity of the mount and tripod were enhanced utilising the finite element method, and the equipment movements caused by regular operation and wind, as well as camera vibrations in digiscoping, were precisely simulated.

Smooth, comfortable focusing: Optimised Focusing System

Ergonomically designed, the large focusing ring fits comfortably in your hands and allows you to operate at optimised speeds — fine action for focusing on distant subjects, and coarse action for nearby subjects. This results in smoother focusing, allowing you to capture your target faster, and with much less stress.

Optimal balance for observation and digiscoping: Three selectable tripod mount screw holes

Tripod mount screw holes can be used depending on the application, such as observation or digiscoping.

More comfortable viewing and digiscoping: Total system design

Operability in both observation and digiscoping was given the utmost consideration from the earliest stages of planning and development. Examples of this include a bayonet mount for easy and secure connection of EDG eyepieces or Digital SLR Camera Attachment FSA-L2, and smooth focusing operation with a focusing ring even when a digital SLR camera is mounted — factors which set the standard for a whole new generation of Fieldscopes.

Protection against the elements: Waterproofing and water-resistance

EDG Fieldscope bodies and all EDG eyepieces have been sealed with O-rings to ensure comprehensive waterproofing performance*1 (the body/eyepiece joint and the body/battery holder joint are water-resistant*2). And both the body and eyepieces are filled with nitrogen gas to prevent fogging and condensation. This protection enables you to use EDG Fieldscopes with confidence in even the most demanding environments where sudden temperature changes are the norm.

*1 Waterproof (up to 2 metres for 10 minutes) (NOT designed for underwater usage)
*2 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)

Built-in sliding hood blocks harmful light and protects objective lens
High-performance EDG eyepieces reveal a spectacular field of view

The seven new eyepieces demonstrate extraordinary EDG quality, too. Designed and developed with an advanced level of innovation, all feature a bayonet-with-lock design. Five are wide-angle models ranging from 20x to 75x*, one offers ultra-long eye relief, and the other is a 20-60x zoom*. To create these eyepieces, Nikon developed solutions for difficult optical design issues, merging a wide field of view with long eye relief. Also, a field flattener lens system has been adopted for these eyepieces to correct overall aberration and achieve a sharp image even to the edge of the field of view. The result is beautifully clear viewing.

**When attached to EDG Fieldscope 85 series.**

### EDG Eyepieces

<table>
<thead>
<tr>
<th>Model</th>
<th>Magnification (×)</th>
<th>Field of View (Real/degree)</th>
<th>Field of View at 1,000m (m)</th>
<th>Exit Pupil (mm)</th>
<th>Relative Brightness</th>
<th>Eye Relief (mm)</th>
<th>Length (mm)*3</th>
<th>Outer Diameter (mm)*3</th>
<th>Weight (g)*2</th>
</tr>
</thead>
<tbody>
<tr>
<td>FEP-20W</td>
<td>20x/16x wide</td>
<td>3.3/4.1</td>
<td>58</td>
<td>4.3</td>
<td>18.5</td>
<td>20.1</td>
<td>59</td>
<td>63</td>
<td>240</td>
</tr>
<tr>
<td>FEP-30W</td>
<td>30x/24x wide</td>
<td>4.1/2.4</td>
<td>72</td>
<td>4.1</td>
<td>16.8</td>
<td>25.4</td>
<td>81</td>
<td>63</td>
<td>390</td>
</tr>
<tr>
<td>FEP-38W</td>
<td>38x/30x wide</td>
<td>3.8/2.9</td>
<td>42</td>
<td>2.8</td>
<td>16.5</td>
<td>17.9</td>
<td>86</td>
<td>63</td>
<td>390</td>
</tr>
<tr>
<td>FEP-50W</td>
<td>50x/40x wide</td>
<td>3.0/2.7</td>
<td>31</td>
<td>2.7</td>
<td>16.5</td>
<td>17.8</td>
<td>81</td>
<td>63</td>
<td>390</td>
</tr>
<tr>
<td>FEP-75W</td>
<td>75x/60x wide</td>
<td>2.4/1.9</td>
<td>24</td>
<td>2.4</td>
<td>16.8</td>
<td>13.0</td>
<td>86</td>
<td>63</td>
<td>390</td>
</tr>
<tr>
<td>FEP-25 LER</td>
<td>25x/20x</td>
<td>2.4/1.8</td>
<td>17</td>
<td>2.4</td>
<td>16.8</td>
<td>13.4</td>
<td>74</td>
<td>63</td>
<td>230</td>
</tr>
<tr>
<td>FEP-20-60</td>
<td>20-60x/16-48x</td>
<td>1.4-1.1</td>
<td>21</td>
<td>2.6</td>
<td>1.2</td>
<td>11.6</td>
<td>71</td>
<td>63</td>
<td>230</td>
</tr>
</tbody>
</table>

*1) Calculated based on ISO 14132-1:2002   *2) Without caps   *3) With detachable turn-and-slide eyecup

### Ultra-long eye relief of 32.3 mm

[Long eye relief (FEP-25 LER)]

This eyepiece, with a long eye relief of over 33 mm, allows eyepiece wearers to use a Fieldscope without removing their glasses. Recommended for the judging of sports such as shooting or archery.

### Employs high-refractive-index aspherical glass lens

[Zoom eyepiece (FEP-20-60)]

Zoom-type eyepiece with magnification of 20x to 60x*. The optical system features a high-refractive-index aspherical glass lens. Corrects image distortions and provides a flat image even at the periphery at both low- and high-magnification settings.

* When attached to EDG Fieldscope 85 series.

### Outstanding wide field of view and brightness

[Wide eyepiece (FEP-20W)]

When mounted on EDG Fieldscope 85 series, the real field of view is 3.3° and the exit pupil is 4.3 mm. This wide eyepiece that delivers a bright and high-resolution image is effective for use in low-light conditions such as at dusk and dawn.

### Wide field of view, high-eyepoint, high-resolution even at the periphery

[Wide eyepiece (FEP-30W)]

The FEP-30W features a long eye relief of 25.4 mm and a wide field of view; it gives you a high-resolution, uniformly bright image throughout the viewfield, with superior quality even at the periphery.

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Layer upon layer of leading-edge innovation

Enjoy the EDG advantage. Nikon designers have amassed layer upon layer of the most advanced optical innovations, and harnessed them synergistically in a way that inspires you to observe the finest textures and detail. With amazingly accurate colours, up close. Striking contrast, colour fidelity and brightness are conspicuous throughout the entire field of view, allowing you to see nature the way it deserves to be seen.

Remarkably sharp resolution and contrast-rich images throughout the entire view: Nikon’s legendary ED glass

View nature with a vibrantly fresh level of contrast and brightness. EDG binoculars utilise lens elements made from Nikon’s renowned ED (Extra-low Dispersion) glass — of the same lineage as that employed in the finest camera lenses used by leading professionals to create images that astound. Our advanced optical system minimises colour fringing caused by chromatic aberration, even when observing objects that tend to make chromatic aberration conspicuous — such as adjacent whites and blacks. EDG binoculars give you enhanced image fidelity with a contrast-rich, high-resolution view.

Edge-to-edge sharpness: Field-flattener lens system

See everything more clearly — up to the very edge of your field of view. The field-flattener lens system Nikon utilises in EDG binoculars minimises field curvature, producing images that are as clear in peripheral areas as they are at the centre. Moreover, our expert lens design precisely compensates astigmatism and coma aberration, a key benefit when tracking wildlife that constantly strays from the centre. Now, you can enjoy a sharp, clear image throughout the entire field of view.

Exceptional colour fidelity, contrast, and resolution: Nikon’s advanced prism coating technologies

Experience pure, untainted whites. Nikon’s dielectric high-reflective multilayer prism coating reflects light at a theoretical level of 99 percent or more, for uncompromised colour fidelity and brighter, contrast-rich images. Phase-correction coating is applied to the roof of the Dach prism to keep undesired phase shift caused by inner reflections to an absolute minimum — thereby realising superior contrast and resolution.

Bright, clear views even in difficult conditions: Advanced multilayer coatings, comprehensive countermeasures against flare and ghosting

Obtain clear views, even with bad lighting. Nikon applies an advanced multilayer coating with a superior light transmission rate to all lens and prism surfaces, ensuring superior brightness and colour fidelity. These coatings minimise light reflections, thereby reducing ghosting effects. Comprehensive countermeasures to prevent flares and ghosting include painting of the lens barrel interiors and internal parts matte black, and the use of aperture rings. Even in difficult lighting situations, such as when observing wildlife that is backlit or at dusk, it is substantially easier to distinguish field marks thanks to the brighter, clearer view.

Clearer colours, brighter images: The increased light transmission that EDG delivers

All optical elements, including lenses and prisms, benefit from numerous innovations. Applying sophisticated technologies results in a higher light transmission rate and flatter characteristics across the entire spectrum of visible light. You’ll be amazed with the crystal-clear field of view and more natural colour reproduction.

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Comfortable viewing: Binocular design as an extension of your body

EDG binoculars have been engineered from every key angle to attain supreme handling performance. From their optimum weight and handling balance, to the materials and shapes that best fit your hands, to the effortless focus and ease of carrying over many hours, these binoculars are built for comfort. The shorter bridge makes for secure holding, even with a single hand. Magnesium alloy is used for the lens barrels to ensure a light yet durable body. A non-PVC elastomer with a low specific gravity, and which is compliant with Nikon’s strict environmental standards, is utilised for the grips. And to achieve this requisite overall lightweight, the materials employed in all parts were thoroughly reevaluated. The turn-and-slide eyecups with their four-step adjustments offer enhanced comfort and convenience to wearers of glasses and non-wearers alike.

Easy-to-operate: Focusing ring/dioptre adjustments

The focusing ring is large enough for easy, precise focusing even when wearing gloves. To adjust dioptre, just pull out the focus ring and turn. Once you’ve made your adjustment, push the ring back to avoid unintended changes.

Exceptional handling in diverse situations

Experience the difference. Nikon EDG binoculars are designed for enhanced viewing comfort, even during long hours of use in the most demanding environments. The well-balanced body is the ideal weight and shape for comfortable carrying and secure holding. The robust construction means you can pay less attention to protecting your gear while concentrating on the subject you’re observing.

Continuous viewing comfort: Essential for long hours of observation

Careful attention was paid to ensure the maximum possible comfort during long hours of observation. The long eye relief provides a wide, easy-to-see field of view even for wearers of glasses. The rubber neckstrap has sufficient width to alleviate the risk of neck strain, and the length is adjustable with a single touch. The horn-shaped eyecups prevent undesired light from entering from the sides, so you can concentrate on your viewing.

Easy-to-operate: Focusing ring/dioptre adjustments

The focusing ring is large enough for easy, precise focusing even when wearing gloves. To adjust dioptre, just pull out the focus ring and turn. Once you’ve made your adjustment, push the ring back to avoid unintended changes.

Tested under severe conditions: Outstanding reliability

EDG binoculars are designed to withstand the harshest weather conditions, enabling you to venture with confidence into even the most challenging environments. Rigorous O-ring sealing gives you airtight water- and moisture-proofing*, and all models are filled with nitrogen gas to prevent fog from forming due to sudden temperature changes. You can operate these binoculars even with your gloves on, at temperatures of -20 degrees centigrade. All models are supplied with a dedicated lightweight carrying case.

*Waterproof is Superior for 0-5 metres (30 minutes) (NOT designed for underwater usage)
## Specifications

### EDG VR Fieldscopes

<table>
<thead>
<tr>
<th>Objective diameter (mm)</th>
<th>EDG Fieldscope 85 VR</th>
<th>EDG Fieldscope 85-A VR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>Close focusing distance (m)</td>
<td>5.0</td>
<td>5.0</td>
</tr>
<tr>
<td>Length (mm)*1</td>
<td>379</td>
<td>398</td>
</tr>
<tr>
<td>Height x width (mm)*1</td>
<td>141×104</td>
<td>141×104</td>
</tr>
<tr>
<td>Weight (g)*1</td>
<td>2,400 (without batteries)</td>
<td>2,400 (without batteries)</td>
</tr>
</tbody>
</table>

### Vibration Reduction effects (at 25°C)*2

- Observation: Degree of vibration is reduced to approx. 1/8
- Digiscoping: Equivalent of a shutter speed approx. 2 stops faster

### Power source

- AA alkaline battery x4, AA lithium battery x4 or AA Ni-MH (nickel metal hydride) battery x4

### Battery life (at 25°C)*3

- Approx. 17 hours (AA alkaline battery), approx. 31 hours (AA lithium battery), approx. 15 hours [AA Ni-MH (nickel metal hydride) battery]

* Body only
*2 Based on Nikon Fieldscope measuring standard (used with tripod)
*3 Battery life varies depending on conditions, temperature and vibration.

### EDG Fieldscopes

<table>
<thead>
<tr>
<th>Objective diameter (mm)</th>
<th>EDG Fieldscope 85</th>
<th>EDG Fieldscope 85-A</th>
<th>EDG Fieldscope 65</th>
<th>EDG Fieldscope 65-A</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>85</td>
<td>85</td>
<td>65</td>
<td>65</td>
</tr>
<tr>
<td>Close focusing distance (m)</td>
<td>5.0</td>
<td>5.0</td>
<td>3.3</td>
<td>3.3</td>
</tr>
<tr>
<td>Length (mm)*</td>
<td>379</td>
<td>398</td>
<td>313</td>
<td>332</td>
</tr>
<tr>
<td>Height x width (mm)*</td>
<td>127×102</td>
<td>131×102</td>
<td>120×88</td>
<td>131×88</td>
</tr>
<tr>
<td>Weight (g)*</td>
<td>2,030</td>
<td>2,030</td>
<td>1,560</td>
<td>1,620</td>
</tr>
</tbody>
</table>

* Body only

### EDG Binoculars

<table>
<thead>
<tr>
<th>Magnification (x)</th>
<th>EDG 7x42</th>
<th>EDG 8x42</th>
<th>EDG 10x42</th>
<th>EDG 8x32</th>
<th>EDG 10x32</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>7</td>
<td>8</td>
<td>10</td>
<td>8</td>
<td>10</td>
</tr>
<tr>
<td>Objective diameter (mm)</td>
<td>42</td>
<td>42</td>
<td>42</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>Angular field of view (Real/degree)</td>
<td>8.0</td>
<td>7.7</td>
<td>6.5</td>
<td>7.8</td>
<td>6.5</td>
</tr>
<tr>
<td>Angular field of view (Apparent/degree)*</td>
<td>52.2</td>
<td>56.6</td>
<td>59.2</td>
<td>57.2</td>
<td>59.2</td>
</tr>
<tr>
<td>Field of view at 1,000m (m)</td>
<td>140</td>
<td>135</td>
<td>114</td>
<td>136</td>
<td>114</td>
</tr>
<tr>
<td>Exit pupil (mm)</td>
<td>6.0</td>
<td>5.3</td>
<td>4.2</td>
<td>4.0</td>
<td>3.2</td>
</tr>
<tr>
<td>Relative brightness</td>
<td>36.0</td>
<td>28.1</td>
<td>17.6</td>
<td>16.0</td>
<td>10.2</td>
</tr>
<tr>
<td>Eye relief (mm)</td>
<td>22.1</td>
<td>19.3</td>
<td>18.0</td>
<td>18.5</td>
<td>17.3</td>
</tr>
<tr>
<td>Close focusing distance (m)</td>
<td>3.0</td>
<td>3.0</td>
<td>3.0</td>
<td>2.5</td>
<td>2.5</td>
</tr>
<tr>
<td>Interpupillary distance adjustment (mm)</td>
<td>55-76</td>
<td>55-76</td>
<td>55-76</td>
<td>54-76</td>
<td>54-76</td>
</tr>
<tr>
<td>Length (mm)</td>
<td>149</td>
<td>148</td>
<td>151</td>
<td>138</td>
<td>138</td>
</tr>
<tr>
<td>Width (mm)</td>
<td>141</td>
<td>141</td>
<td>141</td>
<td>139</td>
<td>139</td>
</tr>
<tr>
<td>Weight (g)</td>
<td>785</td>
<td>785</td>
<td>790</td>
<td>655</td>
<td>650</td>
</tr>
</tbody>
</table>

* Calculated based on ISO 14132-1:2002

### Optional accessories

#### Fieldscope

**Stay-on- cases**

**SOC-8**

(for EDG Fieldscope 85/85-A)

**SOC-7**

(for EDG Fieldscope 85/85-A)

* Depending on your area, these accessories may be included or sold separately.

Please contact your local dealer or Nikon office in your region for further information.

#### Fieldscope Eyepiece Mount Adapter

**EMA-1**

Enables mounting of conventional screw-in type MC/DS eyepieces or FSA-L1 to EDG Fieldscope.

### Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer.

The colour of products in this brochure may differ from the actual products due to the colour of the printing ink used.

October 2017

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**WARNING**

Never look at the sun directly through a Fieldscope or binoculars. It may cause damage to or loss of eyesight.