

Nikon

Binoculars and scopes

*Millennium
2000*



MB

For the finest views

The Nikon advantage.

Superior optics and design innovations ensure better views.

1. Superb optics for sharper, brighter images

• Nikon original optical design

Nikon's advanced computer-calculated design of the complete optical system minimises aberrations, resulting in higher resolving power and crisp image definition throughout the viewing field. Furthermore, the periphery and centre of the image are focused simultaneously, the image appears undistorted, and real, unblurred colour is reproduced.

Field of view



Good binoculars



Poor binoculars

• Nikon's prime optical materials

Nikon's lenses and prisms are made from its own high-grade optical glass. Subjected to the strictest inspection standards, it ensures brighter, clearer images resulting in less eye fatigue — even in low-light settings.



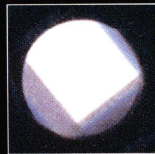
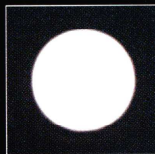
• Superior prisms for clarity

Nikon's prisms are designed precisely to produce a perfectly round exit pupil — a sign of good binoculars. The exit pupil is the bright circle of light in the centre of the eyepiece lens when you point the binoculars at a light from about 30cm (1 ft.). (Don't look at the sun.) Lost light and poorer image quality result from the use of cheap materials.

Exit pupil

Good binoculars

Poor binoculars



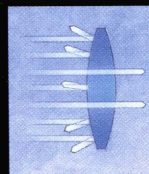
• Multilayer coating

Nikon's multilayer coating prevents the loss of light caused by reflection on a lens surface, offering a brighter, much clearer viewfield.

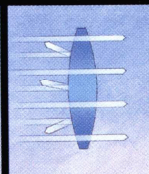
Transmission factor

	Per single lens surface	10 lens and prism surfaces
1. No coating	96%	$(0.96)^{10}=0.66$ 66%
2. Single-layer coating	98.5%	$(0.985)^{10}=0.86$ 86%
3. Multi-layer coating	99.5%	$(0.995)^{10}=0.95$ 95%

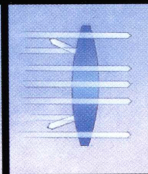
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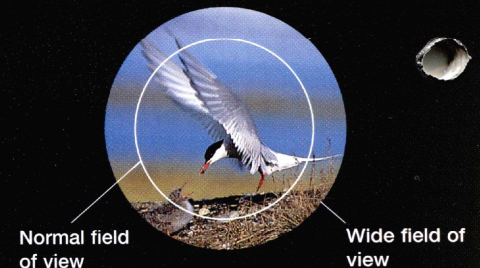
3.



2. Great features to benefit the user

• Wide field of view

The Japanese Industrial Standard (JIS) defines binoculars with an apparent field of view greater than 65° as wide field of view types. Nikon offers several wide field models which are designed to maintain the field of view, even at high magnification.



Normal field of view

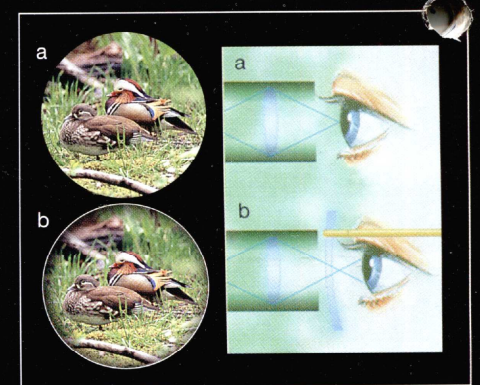
Wide field of view

• Long eye relief (high eyepoint)

Eye relief is the distance between the eyepiece lenses and the eyepoint at the time of focusing. Nikon's long eye relief models ensure comfortable viewing, while allowing wearers of glasses to see clearly up to the periphery.

a) View from eye relief point

b) View out of eye relief point



The following icons tell you for what purpose each series is best suited:

Mountaineering, camping, hiking

Birdwatching, nature viewing

For eyeglass wearers

Marine sports, fishing

Spectator sports

Hunting

Travelling

Theatre

Stargazing

Museum

MB



- ① Patented eyepiece design provides unmatched viewing field
- ② Locking dioptre adjustment ring prevents unwitting rotation
- ③ Silver-coated, phase-corrected prisms for sharp, true colour rendition
- ④ Nikon's finest, fully multilayer coated lenses for maximum light transmission and subject resolution
- ⑤ Twist-out eyecups afford variable eye relief for eyeglasses
- ⑥ Tactile, protein rubber
- ⑦ Waterproof and fog-free with O-ring seals and nitrogen gas

HIGH GRADE

When only the best will do

Our High Grade binoculars, born of the most advanced optical technology in the industry, deliver performance that's second to none. The 8x42HG DCF WP/10x42HG DCF WP, the top models in the lineup, offer a high-reflection silver coating for the brightest possible views, phase correction coating for highly defined images, and the security of waterproof, fog-free construction. And with all models featuring multilayer coating for increased brightness and the clear field of view made possible by the high-eyepoint design, Nikon's High Grade lineup has just the binoculars to make your next outing an unforgettable experience.

MB



8x42HG DCF WP

8x42HG DCF WP / 10x42HG DCF WP



- Sharp, clear images to the lens periphery, thanks to Nikon's original field flattener lens and eyepiece design
- Prism features high-reflection silver coating for brighter images
- Phase correction coated roof prisms for high resolution
- All lenses and prisms are multilayer coated for the brightest images
- High-eyepoint design provides clear field of view, even for eyeglass wearers
- Close focusing distance: 3m
- Waterproof and fog-free with O-ring seals and nitrogen gas
- Dioptre adjustment ring locking system prevents unwitting rotation
- Turn-and-slide rubber eyecup facilitates easy positioning of eyes at the correct eyepoint
- Protein-compound rubber armouring for shock resistance and a firm, comfortable grip

5x15DCF Titanium 7x15DCF Titanium



- Prism features high-reflection silver coating for brighter images
- Phase correction coated prisms for high resolution
- Multilayer coated lenses
- High-eyepoint design for clear field of view for wearers of eyeglasses
- Close focusing distance: 1.2m (5X), 1.5m (7X)
- Stylish titanium body
- Two types of rubber eyecups (for regular and eyeglass use)



7x15DCF Titanium

7x50IF SP WP /10x70IF SP WP



- Superior optical design for aberration-free observation, built especially for astronomical use
- Multilayer coated lenses for a bright image
- Waterproof and fog-free with O-ring seals and nitrogen gas
- High-eyepoint design



7x50IF SP WP



5x15 HG Monocular 7x15 HG Monocular



- Prism features high-reflection silver coating for brighter images
- Phase correction coated prisms for high resolution
- Multilayer coated lenses
- High-eyepoint design
- Close focusing distance: 0.6m (5X), 0.8m (7X)



7x15 HG Monocular

18x70IF WP WF



- Very wide 72° apparent angular field of view
- All lenses are multilayer coated for a bright image
- Waterproof and fog-free with O-ring seals and nitrogen gas
- High-eyepoint design



18x70IF WP WF

	Magnification (x)	Objective diameter (mm)	Angular field of view (Real/degree)	Angular field of view (Apparent/degree)	Field of view at 1,000m (m)	Exit pupil (mm)	Relative brightness	Eye relief (mm)	Close focusing distance (m)	Weight (g)	Length (mm)	Width (mm)	Type
8x42HG DCF WP	8	42	7.0	56.0	122	5.3	28.1	20.0	3.0	980	157	139	Roof
10x42HG DCF WP	10	42	6.0	60.0	105	4.2	17.6	19.0	3.0	980	157	139	Roof
5x15DCF Titanium	5	15	9.0	45.0	157	3.0	9.0	15.8	1.2	200	83/71*	103	Roof
7x15DCF Titanium	7	15	6.6	46.2	115	2.1	4.4	12.0	1.5	190	79/71*	103	Roof
5x15 HG Monocular	5	15	9.0	45.0	157	3.0	9.0	15.8	0.6	75	71	30	Roof
7x15 HG Monocular	7	15	6.6	46.2	115	2.1	4.4	12.0	0.8	75	71	30	Roof
7x50IF SP WP	7	50	7.3	51.1	128	7.1	50.4	16.2	12.3	1,485	217	216	Porro
10x70IF SP WP	10	70	5.1	51.0	89	7.0	49.0	16.3	25.0	2,100	304	235	Porro
18x70IF WP WF	18	70	4.0	72.0	70	3.9	15.2	15.4	81.0	2,050	293	234	Porro

*The first number indicates the value with the normal eyecup, the second number when using the eyecup designed for eyeglass wearers.

STANDARD

More choices for better views

Nikon's standard lineup of sleekly designed Porro and Roof (Dach) binoculars features highly advanced optical technology and intelligent designs. All models offer a bright field of view thanks to a large objective diameter, and a sharp, undistorted view up to the periphery. These versatile binoculars are great for tracking athletes heading for the finish line or the flitting movements of a bird, and are just the thing for budding nature watchers.

Action Series



- Aspherical eyepiece lens eliminates image distortion and ensures longer eye relief
- Wide field of view
- Multilayer coated lenses and large objective diameter for optimal clarity of image
- Rubber armoring for shock resistance and a firm, comfortable grip
- Sophisticated design and colour



Action 8x40CF EGRET II

Action Zoom Series



- Multilayer coated lenses for a bright image
- Superior optical design ensures sharp images at any magnification
- Rubber armoring for shock resistance and a firm, comfortable grip
- Smooth zooming
- Sophisticated design and colour
- Tripod adaptor included (Action 10-22x50CF SCOUTMASTER XL Zoom)

Tripod adaptor

For fixing Action series, Action zoom series, 7x50CF WP/7x50CF WP Compass, 7x50IF WP/7x50IF WP Compass and 10x50CF WP binoculars to a tripod or a monopod.



Action 7-15x35CF SCOUTMASTER III Zoom



8x42DCF HP / 10x42DCF HP



- Multilayer coated lenses and large 42mm objective diameter for a bright image
- High-eyepoint design for clear field of view even for wearers of eyeglasses
- Click-type dioptre adjustment ring prevents unwitting rotation
- Rubber armouring binocular tubes for shock resistance and a firm, comfortable grip
- Slim Roof (Dach) prism design



0.25 dioptre for each click

8x42DCF HP

Click-type dioptre adjustment ring

The dioptre adjustment ring, located at the bottom of the right eyepiece is for adjusting the difference in visual acuity between the left and the right eye. The click-type mechanism ensures that the ring remains properly adjusted at all times.

	Magnification (x)	Objective diameter (mm)	Angular field of view (Real/degree)	Angular field of view (Apparent/degree)	Field of view at 1,000m (m)	Exit pupil (mm)	Relative brightness	Eye relief (mm)	Close focusing distance (m)	Weight (g)	Length (mm)	Width (mm)	Type
Action 7x35CF NATURALIST IV	7	35	9.3	65.1	163	5.0	25.0	11.9	5.0	690	123	170	Porro
Action 7x50CF SHORELINE	7	50	6.4	44.8	112	7.1	50.4	20.0	7.0	965	205	182	Porro
Action 8x40CF EGRET II	8	40	8.2	65.6	143	5.0	25.0	11.9	5.0	745	141	173	Porro
Action 10x50CF LOOKOUT IV	10	50	6.5	65.0	114	5.0	25.0	11.8	7.0	960	186	182	Porro
Action 12x50CF FIELDMASTER	12	50	5.5	66.0	96	4.2	17.6	9.4	7.0	945	180	182	Porro
Action 7-15x35CF SCOUTMASTER III Zoom (set at 7x)	7-15	35	5.5	38.5	96	5.0	25.0	9.1	8.0	770	139	170	Porro
Action 10-22x50CF SCOUTMASTER XL Zoom (set at 10x)	10-22	50	3.8	38.0	66	5.0	25.0	8.6	15.0	950	193	182	Porro
8x42DCF HP	8	42	6.0	48.0	105	5.3	28.1	20.5	5.0	765	182	128	Roof
10x42DCF HP	10	42	5.4	54.0	94	4.2	17.6	15.0	5.0	745	172	128	Roof

COMPACT

Big performance in sleek designs

When you're on the go, convenience is everything. That's what makes the Nikon compact lineup so appealing. Small enough to take anywhere, they're ideal for getting great views for that next vacation, concert, or sporting event.



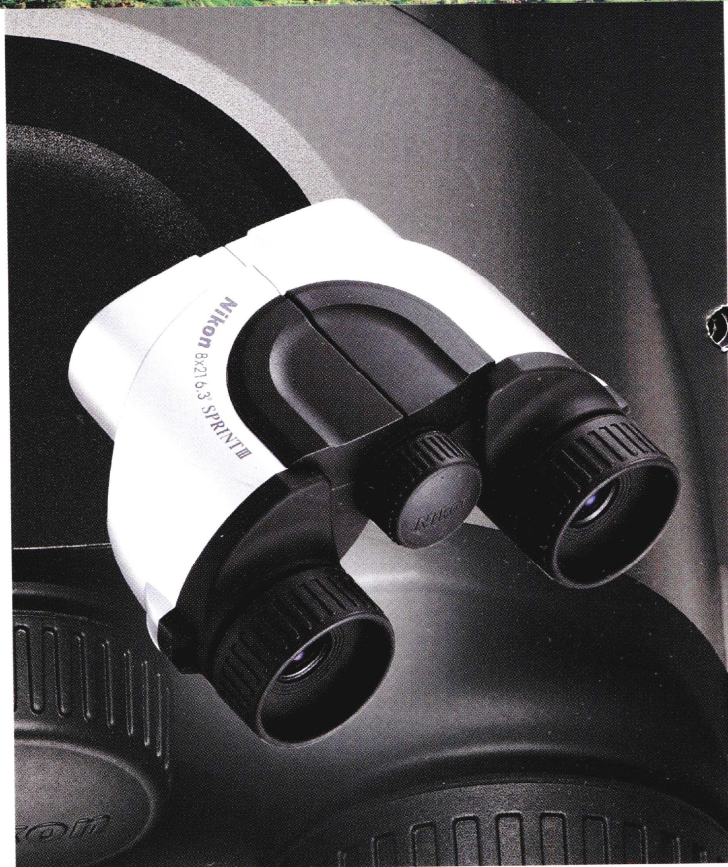
SPRINT III Series



- Compact and lightweight
- Multilayer coated lenses for a bright image
- Shortened close focusing distance of 3m
- Stylish design and body colour
- Rubber coating for comfortable grip (green models)
- Available in two body colours (green/silver)



9x21CF SPRINT III
<Green only>



8x21CF SPRINT III
<Green/Silver>
Photo: Silver



8-24x25CF TRAVELITE V

TRAVELITE V Series

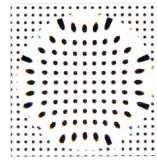
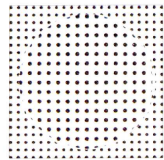


- Aspherical lenses minimise distortion and provide sharp images up to the periphery*
- Long eye relief design for clear field of view, even for wearers of eyeglasses
- Multilayer-coated lenses for bright images
- Special rubber armour for shock resistance and a firm, comfortable grip
- Carbon fibre in the body material improves durability
- Small, lightweight and ergonomic design
- Click-type dioptre adjustment ring prevents unwitting rotation
- 8-24X zoom (8-24x25CF TRAVELITE V only)

*Except for 8-24x25CF TRAVELITE V



8x25CF TRAVELITE V



Left: Aspherical lens without aberration (undistorted dots)
 Right: Spherical lens with aberration (dots are distorted)

Aspherical lens

Aspherical lens eliminates image distortion and reduces field curvature to negligible levels, thus enabling clear, crisp images up to the periphery of the viewing field.

	Magnification (x)	Objective diameter (mm)	Angular field of view (Real/degree)	Angular field of view (Apparent/degree)	Field of view at 1,000m (m)	Exit pupil (mm)	Relative brightness	Eye relief (mm)	Close focusing distance (m)	Weight (g)	Length (mm)	Width (mm)	Type
7x21CF SPRINT III <Green only>	7	21	6.7	46.9	117	3.0	9.0	12.5	3.0	240	95	117	Porro
8x21CF SPRINT III <Green/Silver>	8	21	6.3	50.4	110	2.6	6.8	11.3	3.0	240	93	117	Porro
9x21CF SPRINT III <Green only>	9	21	5.6	50.4	98	2.3	5.3	9.7	3.0	235	89	117	Porro
10x21CF SPRINT III <Green/Silver>	10	21	5.0	50.0	87	2.1	4.4	8.6	3.0	235	87	117	Porro
8x25CF TRAVELITE V	8	25	5.6	44.8	98	3.1	9.6	14.0	3.0	255	115	118	Porro
9x25CF TRAVELITE V	9	25	5.6	50.4	98	2.8	7.8	12.2	3.0	255	113	118	Porro
10x25CF TRAVELITE V	10	25	5.0	50.0	87	2.5	6.3	11.1	3.0	250	110	118	Porro
12x25CF TRAVELITE V	12	25	4.2	50.4	73	2.1	4.4	11.1	4.0	260	110	118	Porro
8-24x25CF TRAVELITE V (set at 8x)	8-24	25	4.6	36.8	80	3.1	9.6	13.0	5.0	310	127	118	Porro

COMPACT

DX II Series

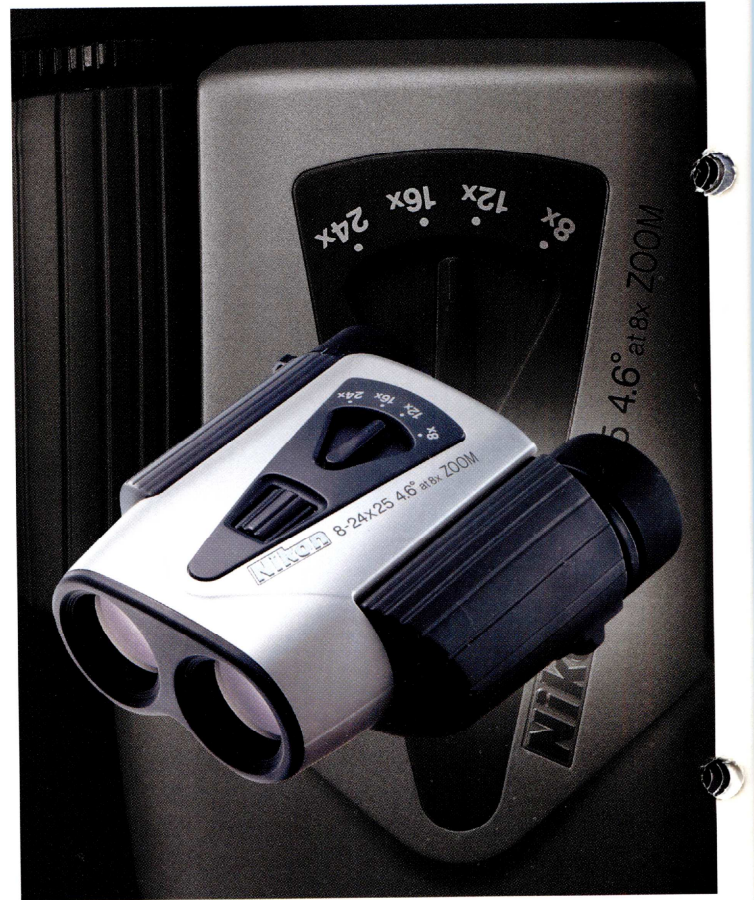


- Aspherical eyepiece lens eliminates image distortion and ensures longer eye relief*
- Close focusing distance: 2m (8x, 10x), 3m (12x), 4m (8-24x)
- Lightweight
- Turn-and-slide rubber eyecup facilitates easy positioning of eyes at the correct eyepoint
- Click-type dioptre adjustment ring prevents unwitting rotation*
- Carbon fibre in the body material improves durability
- Unique zoom lever design provides smooth zooming operation (8-24x25CF DX II only)
- Metallic silver body

*Except for 8-24x25CF DX II



10x25CF DX II



8-24x25CF DX II



	Magnification (x)	Objective diameter (mm)	Angular field of view (Real/degree)	Angular field of view (Apparent/degree)	Field of view at 1,000m (m)	Exit pupil (mm)	Relative brightness	Eye relief (mm)	Close focusing distance (m)	Weight (g)	Length (mm)	Width (mm)	Type
8x25CF DX II	8	25	5.6	44.8	98	3.1	9.6	14.0	2.0	305	107	113	Porro
10x25CF DX II	10	25	5.0	50.0	87	2.5	6.2	11.1	2.0	305	105	113	Porro
12x25CF DX II	12	25	4.2	50.0	73	2.1	4.4	11.1	3.0	310	105	113	Porro
8-24x25CF DX II (set at 8x)	8-24	25	4.6	36.8	80	3.1	9.6	13.0	4.0	355	119	110	Porro
6x15M CF	6	15	8.0	48.0	140	2.5	6.3	10.1	2.0	130	48	108	Porro
7x15M CF Black	7	15	7.0	49.0	122	2.1	4.4	10.0	2.0	135	47	108	Porro
8x20DCF SPORTSTAR II	8	20	6.3	50.4	109	2.5	6.3	10.1	3.0	245	102	107(63)*	Roof
10x25DCF SPORTSTAR II	10	25	5.0	50.0	87	2.5	6.3	10.1	3.0	310	121	109(69)*	Roof

*folded



6x15M CF

6x15M CF 7x15M CF Black



- Stylish metal body
- Ultra-compact and lightweight
- Short close focusing distance: 2m
- Multilayer coated lens for bright images



8x20DCF SPORTSTAR II 10x25DCF SPORTSTAR II



- Multilayer coated lenses for a bright image
- Compact and lightweight
- Fold up and are easy to carry around
- Close focusing distance: 3m
- Rubber armouring for shock resistance and a firm, comfortable grip



As small as a cassette tape when folded.

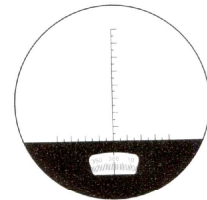


8x20DCF SPORTSTAR II

MARINE

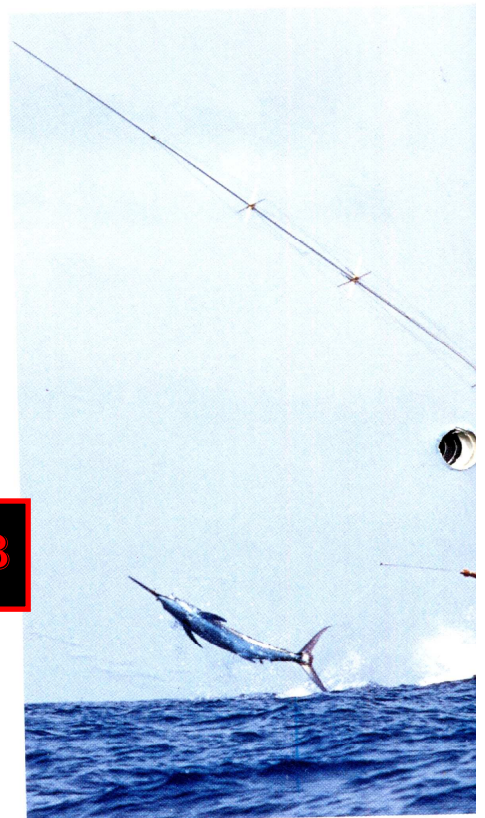
Go with the pro for smoother sailing

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



Compass and distance scale
(for 7x50CF WP Compass)

You can measure dimensions or distances if you know one of the values.



7x50CF WP Compass

7x50CF WP / 7x50CF WP Compass



- Central focusing system; waterproof and fog-free with O-ring seals and nitrogen gas
- Built-in compass with illuminator and scale (7x50CF WP Compass)
- High-eyepoint design for clear field of view even for wearers of eyeglasses
- Multilayer coated lenses for a bright image
- Rubber armoring for shock resistance and a firm, comfortable grip
- Floating strap provided



Floating strap for 7x50CF WP/7x50CF WP Compass

7x50IF WP 7x50IF WP Compass



- Waterproof and fog-free with O-ring seals and nitrogen gas
- All lenses and prisms are multilayer coated for the brightest images
- Rubber armoring for shock resistance and a firm, comfortable grip
- High-eyepoint design for clear field of view even for wearers of eyeglasses
- Built-in compass and scale to ascertain subject direction, and distance or size (7x50IF WP Compass)



7x50IF WP Compass

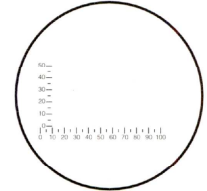
7x50IF HP WP Tropical (Model with built-in scale available)



- Waterproof and fog-free with O-ring seals and nitrogen gas
- Horizontal and vertical scales for measuring dimensions or distances (scale type)
- High-eyepoint design for clear field of view
- Large objective diameter for bright image



7x50IF HP WP Tropical



Distance scale

You can measure dimensions or distances if you know one of the values.



10x70IF HP WP



- Waterproof and fog-free with O-ring seals and nitrogen gas
- Large 70mm objective diameter meets demand for exceptionally bright, high magnification
- High-eyepoint design for clear field of view

Horn-shaped rubber eyecup*



Keeps light out of the eyepiece for easy viewing.

Comfortable rubber cups are soft on your face, particularly good for use on bright days at sea and in other extreme conditions.

Polarising filter*



This filters out light reflections from water or glass.



10x70IF HP WP

*For use with 7x50IF HP WP Tropical, 18x70IF WP WF, 7x50IF SP WP, 10x70IF SP WP and 10x70IF HP WP.

	Magnification (x)	Objective diameter (mm)	Angular field of view (Real/degree)	Angular field of view (Apparent/degree)	Field of view at 1,000m (m)	Exit pupil (mm)	Relative brightness	Eye relief (mm)	Close focusing distance (m)	Weight (g)	Length (mm)	Width (mm)	Type
7x50CF WP	7	50	7.2	50.4	126	7.1	50.4	22.7	10.0	1,100	193	202	Porro
7x50CF WP Compass	7	50	7.2	50.4	126	7.1	50.4	22.7	10.0	1,120	193	202	Porro
7x50IF WP	7	50	7.5	52.5	131	7.1	50.4	18.0	25.0	1,170	181	203	Porro
7x50IF WP Compass	7	50	7.0	49.0	122	7.1	50.4	18.0	25.0	1,210	181	203	Porro
7x50IF HP WP Tropical	7	50	7.3	51.1	128	7.1	50.4	15.0	24.5	1,360	217	216	Porro
10x70IF HP WP	10	70	5.1	51.0	89	7.0	49.0	15.0	50.0	1,985	304	235	Porro

HUNTING AND OUTDOOR

Close in on your target with confidence

These waterproof, fog-free Nikon binoculars are just the ticket for outdoor use. Bright, beautifully defined images are delivered by superior quality, multilayer coated lenses. O-ring seals and nitrogen gas provide added resistance to the effects of changes in climate, while the durable design and rubber armoring ensure reliable performance and a comfortable grip, even during prolonged use. Worry-free viewing of the great outdoors.



10x50CF WP

10x50CF WP



- Waterproof and fog-free with O-ring seals and nitrogen gas besides being an easy-handling CF model
- Multilayer coated large 50mm objective lens for a bright image even at 10X magnification
- Long eye relief (17.4mm) optical design makes for comfortable observation
- Lightweight plastic chassis
- Rubber armoring for shock resistance and a firm, comfortable grip
- Wide strap (standard)

8x40DCF HP WP 10x40DCF HP WP



- Waterproof and fog-free with O-ring seals and nitrogen gas
- High-eyepoint design for clear field of view even for wearers of eyeglasses
- Multilayer coated lenses and large objective diameter for a bright image
- Rubber armoring for shock resistance and firm, comfortable grip



Hard (H) type

Soft (S) type

Tripod/monopod adaptors

For fixing roof (Dach) prism binoculars to a tripod or a monopod. Hard (H) and soft (S) types are available.



8x40DCF HP WP



8x25CF WP RA II 10x25CF WP RA II



- Waterproof and fog-free with O-ring seals and nitrogen gas besides being an easy-handling CF model
- Click-type dioptre adjustment ring prevents unwitting rotation
- Multilayer coated lenses for a bright image
- Rubber armouring for shock resistance and a firm, comfortable grip
- New design inspired by shell contours



10x25CF WP RA II

Spotter XL



- Waterproof, fog-free construction
- Phase correction and multilayer coatings
- Powerful 16-47x zoom
- Compact and lightweight
- Rubber armouring



Spotter XL

8x30DIF WP RA II



- Waterproof and fog-free with O-ring seals and nitrogen gas
- Multilayer coated lenses for a bright image
- Rubber armouring for shock resistance and a firm, comfortable grip
- Slim Roof (Dach) prism design



8x30DIF WP RA II

	Magnification (x)	Objective diameter (mm)	Angular field of view (Real/degree)	Angular field of view (Apparent/degree)	Field of view at 1,000m (m)	Exit pupil (mm)	Relative brightness	Eye relief (mm)	Close focusing distance (m)	Weight (g)	Length (mm)	Width (mm)	Type
10x50CF WP	10	50	6.2	62.0	108	5.0	25.0	17.4	17.0	1,065	195	207	Porro
8x40DCF HP WP	8	40	6.5	52.0	114	5.0	25.0	19.5	6.0	745	164	129	Roof
10x40DCF HP WP	10	40	6.0	60.0	105	4.0	16.0	15.5	6.0	745	159	129	Roof
8x25CF WP RA II	8	25	6.3	50.4	110	3.1	9.6	14.3	5.0	450	108	119	Porro
10x25CF WP RA II	10	25	5.0	50.0	87	2.5	6.3	13.1	5.0	450	104	119	Porro
8x30DIF WP RA II	8	30	7.5	60.0	131	3.8	14.4	13.0	11.0	610	129	131	Roof
Spotter XL (set at 16x)	16-47	60	2.0	32.0	35	3.8	14.4	14.5	10.0	751	318	71	—

NATURE WATCHING

Get closer to the wonders of nature

Locate and fix on a bird or animal using a pair of high-performance Nikon binoculars, then follow the movements of the subject using any of our Fieldsopes or Spotting Scopes — all of which offer high resolving power and secure, comfortable handling.

Fieldscope III / Fieldscope III A Fieldscope EDIII Fieldscope EDIII A

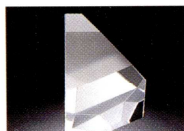


- Waterproof and fog-free with O-ring seals and nitrogen gas
- All lenses and prisms are multilayer coated for the brightest images
- Built-in type slide hood
- Angled body type for easy viewing and comfortable sketching (III A, EDIII A)
- Extra-low dispersion (ED) lens glass for colour aberration compensation and brighter, clearer viewing (EDIII, EDIII A)
- Seven different eyepieces compatible (see specifications)



Photographic attachment for Fieldsopes

This optional 35mm photographic attachment lets you transform the III/III A/EDIII/EDIII A into an 800mm (1,000mm with the ED78/ED78 A) super-telephoto lens for Nikon cameras.



Thanks to Nikon's advanced prism design, with angled body types, you get the same brightness found in straight body types.



Fieldscope EDIII A

Eyepieces for Fieldsopes

		Magnification (x)	Angular field of view (Real/degree)	Angular field of view (Apparent/degree)	Field of view at 1,000m (m) (approx.)	Exit pupil (mm)	Relative brightness	Eye relief (mm)
20x/25x eyepiece	With III/III A/EDIII/EDIII A	20	3.0	60	52	3.0	9.0	15.2
	With ED78/ED78 A	25	2.4	60	42	3.1	9.7	15.2
40x/50x eyepiece	With III/III A/EDIII/EDIII A	40	1.1	44	19	1.5	2.3	9.4
	With ED78/ED78 A	50	0.88	44	15	1.6	2.6	9.4
24x/30x wide eyepiece*	With III/III A/EDIII/EDIII A	24	3.0	72	52	2.5	6.3	15.1
	With ED78/ED78 A	30	2.4	72	42	2.6	6.8	15.1
30x/38x wide eyepiece*	With III/III A/EDIII/EDIII A	30	2.4	72	42	2.0	4.0	17.9
	With ED78/ED78 A	38	1.9	72	33	2.1	4.3	17.9
40x/50x wide eyepiece*	With III/III A/EDIII/EDIII A	40	1.8	72	31	1.5	2.3	17.8
	With ED78/ED78 A	50	1.44	72	25	1.6	2.6	17.8
60x/75x wide eyepiece*	With III/III A/EDIII/EDIII A	60	1.2	72	21	1.0	1.0	17.0
	With ED78/ED78 A	75	0.96	72	17	1.0	1.0	17.0
20-45x/25-56x zoom eyepiece*	With III/III A/EDIII/EDIII A	20-45	2.0 (at 20x)	40 (at 20x)	35 (at 20x)	3.0 (at 20x)	9.0 (at 20x)	12.9-13.6
	With ED78/ED78 A	25-56	1.6 (at 25x)	40 (at 25x)	28 (at 25x)	3.1 (at 25x)	9.7 (at 25x)	12.9-13.6

The first number indicates the magnification when used with a 60mm diameter objective model; the second number, with a 78mm diameter objective model.
*These eyepieces are not to be used for Fieldscope I Series.

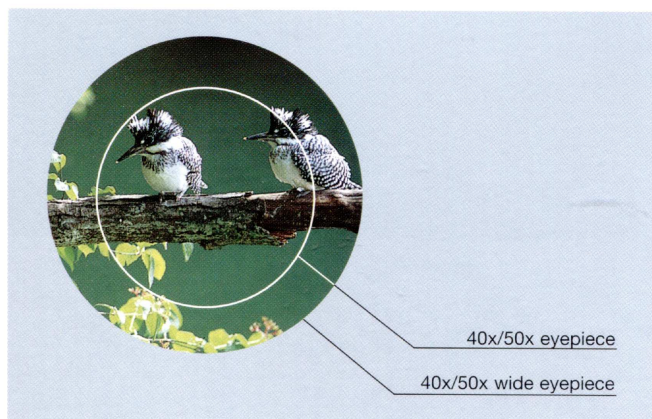


Fieldscope ED78

Fieldscope ED78 / Fieldscope ED78 A



- 78mm objective diameter for a brighter viewfield
- Magnesium-alloy and construction for a sturdy, compact and lightweight body
- Multilayer coated lenses made of ED glass compensate aberration and improve brightness and resolution
- O-ring seals for water resistance
- Same eyepieces as other scopes in the Fieldscope series can be used (magnifications become higher — see specifications)



Broad, well-balanced selection of eyepieces

Nikon's broad array of Fieldscope eyepieces features the ideal combination of long eye relief and wide field of view. You can choose the most suitable eyepiece for your subject while enjoying comfortable viewing.

	Objective diameter (mm)	Weight (g)*	Length (mm)*	Width (mm)*
Fieldscope III	60	1,080	279	80
Fieldscope III A	60	1,180	291	94
Fieldscope EDIII	60	1,090	279	80
Fieldscope EDIII A	60	1,190	291	94
Fieldscope ED78	78	1,355	366	90
Fieldscope ED78 A	78	1,530	365	100

*body only

NATURE WATCHING



Spotting Scope 80 A



Spotting Scope 80 / Spotting Scope 80 A



- Multilayer coated, large 80mm objective lens for brightest field of view
- O-ring seals for water resistance
- Built-in type slide hood
- Rubber armouring for shock resistance
- Easy-to-open, permanently attached case simplifies handling
- Compatible with eyepieces for Spotting Scope II (1.33x higher magnification)

Eyepieces for Spotting Scopes

		Magnification (x)	Angular field of view (Real/degree)	Angular field of view (Apparent/degree)	Field of view at 1,000m (m)	Exit pupil (mm)	Relative brightness	Eye relief (mm)
20x/27x eyepiece	With RAII/RAII A	20	2.5	50	44	3.0	9.0	14.5
	With 80/80 A	27	1.9	50	33	3.0	9.0	14.5
25x/33x wide eyepiece	With RAII/RAII A	25	2.6	65	45	2.4	5.8	12.1
	With 80/80 A	33	2.0	65	34	2.4	5.8	12.1
15-45x/20-60x zoom eyepiece	With RAII/RAII A	15-45	2.5 (at 15x)	38.1 (at 15x)	44 (at 15x)	4.0 (at 15x)	16.0 (at 15x)	12.5
	With 80/80 A	20-60	1.9 (at 20x)	38.1 (at 20x)	33 (at 20x)	4.0 (at 20x)	16.0 (at 20x)	12.5

The first number indicates the magnification when used with a 60mm diameter objective model; the second number, with an 80mm diameter objective model.

Spotting Scope RAI

Spotting Scope RAI A

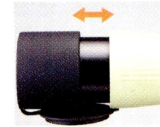


- Compact and lightweight
- O-ring seals for water resistance
- Rubber armouring for shock resistance and a firm, comfortable grip
- Multilayer coated lenses improve light transmission
- Built-in type slide hood
- 20X eyepiece, 25X wide eyepiece or 15X-45X zoom eyepiece selectable (optional)

Eyepieces of previous models are also usable, but they are not sealed with O-rings.



Spotting Scope RAI



Slide hood extended

Fieldmicroscope

Fieldmicroscope Mini



- Compact, portable body
- 20X magnification
- Stereoscopic microscope
- Built-in illumination system (Fieldmicroscope)
- Water resistant (Fieldmicroscope Mini)



Fieldmicroscope Mini

Fieldmicroscope

Objective diameter (mm)
Weight (g)*
Length (mm)*
Width (mm)*

Spotting Scope 80	80	1,400	390	95
Spotting Scope 80 A	80	1,430	385	95
Spotting Scope RAI	60	900	281	84
Spotting Scope RAI A	60	925	277	84

*body only



	Fieldmicroscope	Fieldmicroscope Mini
Magnification	20x (fixed)	
Optical system	Erect unreversed image, eyepiece dioptre separately adjustable	
Eye relief	11.1mm	12.8mm
Interpupillary distance adjustment	56-72mm	51-72mm
Vertical adjustment	50mm from the base of the stage	42mm from the base of the stage
Plate	Detachable, reversible utilisation — flat (on the front) and cup-like receptacle (on the back)	
Weight	Approx. 610g	Approx. 395g

NATURE WATCHING

8x30E II / 10x35E II



- Optics employ Eco-glass containing no arsenic or lead
- Wide 70° apparent field of view
- Long eye relief over 13mm
- Close focusing distance: 3m (8x), 5m (10x)
- Lightweight, die-cast magnesium alloy body
- All lenses and prisms are multilayer coated



8x30E II

8x32SE CF / 10x42SE CF 12x50SE CF



- All lenses and prisms are multilayer coated for the brightest images
- Sharp, clear images to the lens periphery, thanks to Nikon's original field flattener lens and eyepiece design
- High-eyepoint design for clear field of view
- Close focusing distance: 3m (8x32SE CF)
- Lightweight thanks to die-cast magnesium alloy body
- Protein-compound rubber armouring for shock resistance and a firm, comfortable grip



10x42SE CF



Tripod adaptor

For fixing the 7x50IF HP WP Tropical, 8x32SE CF, 10x42SE CF, 12x50SE CF, 18x70IF WP WF, 7x50IF SP WP, 10x70IF SP WP, 10x70IF HP WP, 8x30E II or 10x35E II to a tripod or a monopod.

	Magnification (x)	Objective diameter (mm)	Angular field of view (Real/degree)	Angular field of view (Apparent/degree)	Field of view at 1,000m (m)	Exit pupil (mm)	Relative brightness	Eye relief (mm)	Close focusing distance (m)	Weight (g)	Length (mm)	Width (mm)	Type
8x30E II	8	30	8.8	70.0	154	3.8	14.4	13.8	3.0	575	101	181	Porro
10x35E II	10	35	7.0	70.0	122	3.5	12.3	13.8	5.0	625	126	183	Porro
8x32SE CF	8	32	7.5	60.0	131	4.0	16.0	17.4	3.0	630	116	183	Porro
10x42SE CF	10	42	6.0	60.0	105	4.2	17.6	17.4	5.0	710	157	192	Porro
12x50SE CF	12	50	5.0	60.0	87	4.2	17.6	17.4	7.0	900	182	202	Porro
20x120 III	20	120	3.0	60.0	52	6.0	36.0	20.8	133.0	15.5kg (telescope) 4.5kg (stand)	680	452	Porro



20x120 III with pillar stand



20x120 III


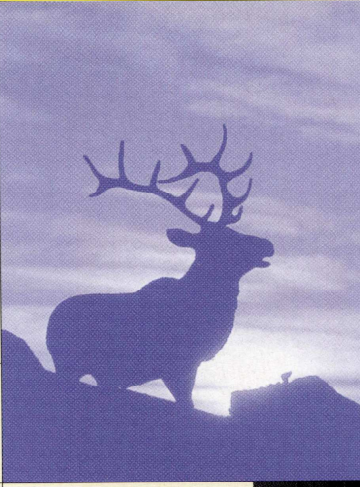













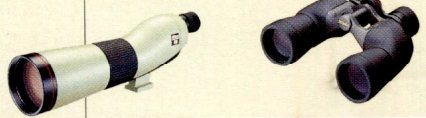


- Large 120mm objective diameter and Nikon's original coating for a bright image even in the dark
- 20X high-power, easy-viewing binoculars
- Sharp image realised by aberration compensation
- Waterproof (filled with nitrogen gas), fog-free and dust resistance
- Shock and corrosion-resistant structure
- High-eyepoint design for clear field of view
- Easy handling with 360° azimuth and -30° ~ +70° tilting
- Height (with stand, binocular tubes in horizontal position): 440mm
- Rigid fixed-pillar stand (option) is available (height: 1,115mm, weight: 26.5kg)

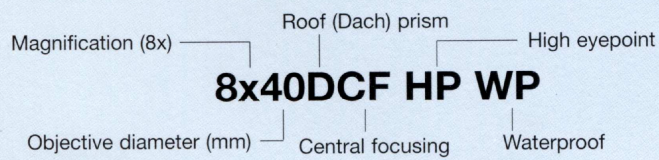


20x120 III

		HIGH GRADE	STANDARD
Travelling		<ul style="list-style-type: none"> • 7x15DCF Titanium 	
Theatre		<ul style="list-style-type: none"> • 5x15DCF Titanium 	
Museum		<ul style="list-style-type: none"> • 5x15 HG Monocular, • 7x15 HG Monocular • 5x15DCF Titanium 	
Spectator sports			<ul style="list-style-type: none"> • 8x42DCF HP, 10x42DCF HP • Action Series
Birdwatching, nature viewing		<ul style="list-style-type: none"> • 8x42HG DCF WP, • 10x42HG DCF WP 	<ul style="list-style-type: none"> • Action Series
Mountaineering, camping, hiking			<ul style="list-style-type: none"> • 8x42DCF HP, 10x42DCF HP • Action Series
Hunting		<ul style="list-style-type: none"> • 8x42HG DCF WP, • 10x42HG DCF WP 	
Marine sports, fishing		<ul style="list-style-type: none"> • 7x50IF SP WP, • 10x70IF SP WP • 18x70IF WP WF 	
Stargazing		<ul style="list-style-type: none"> • 7x50IF SP WP, 10x70IF SP WP • 8x42HG DCF WP, • 10x42HG DCF WP 	

COMPACT	MARINE	HUNTING AND OUTDOOR	NATURE WATCHING
<ul style="list-style-type: none"> • SPRINT III Series • TRAVELITE V Series • 8x20DCF SPORTSTAR II, 10x25DCF SPORTSTAR II • DX II Series 			
<ul style="list-style-type: none"> • 6x15M CF, 7x15M CF Black 			
		<ul style="list-style-type: none"> • 8x40DCF HP WP, 10x40DCF HP WP • 8x30DIF WP RA II • 8x25CF WP RA II, 10x25CF WP RA II 	<ul style="list-style-type: none"> • Fieldscope III / EDIII Series • Fieldscope ED78 Series • Spotting Scope RA II Series • Spotting Scope 80 Series • 8x30E II, 10x35E II • 8x32SE CF, 10x42SE CF, 12x50SE CF • Fieldmicroscope series 
		<ul style="list-style-type: none"> • 8x40DCF HP WP, 10x40DCF HP WP • 10x50CF WP • Spotter XL 	
<ul style="list-style-type: none"> • 7x50CF WP, 7x50CF WP Compass • 7x50IF WP, 7x50IF WP Compass • 7x50IF HP WP Tropical • 10x70IF HP WP 		<ul style="list-style-type: none"> • 8x25CF WP RA II, 10x25CF WP RA II 	<ul style="list-style-type: none"> • 20x120 III 
			<ul style="list-style-type: none"> • Fieldscope ED78 Series • 8x32SE CF, 10x42SE CF, 12x50SE CF • 20x120 III 

Check the letters in the name of any Nikon binoculars — they convey helpful information about each model.



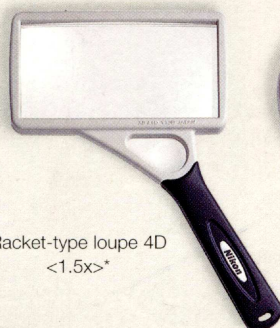
D: Roof (Dach) prism
 WP: Waterproof
 CF: Central focusing
 RA: Rubber-armoured

IF: Individual focusing
 WF: Wide field of view
 HP: High eyepoint

LOUPES

Uncover the beauty in the details

Nikon racket-type and pocket-type loupes help to bring the little things into view. All models in the lineup boast Nikon's highly advanced optical technology, and selected models feature multiple magnifications. Our racket-type loupes (8D, 10D) incorporate aspherical lenses for reduced image distortion. Lightweight construction, stylish design and rubber armoured grips enhance comfort and enjoyment. Nikon loupes are pleasing to the eye in more ways than one.



Racket-type loupe 4D
<1.5x>*



Racket-type loupe 8D
<2x>*



Racket-type loupe 10D
<2.5x>*



Pocket-type loupe 12D
<3x>*



Pocket-type loupe 16D
<4x>*



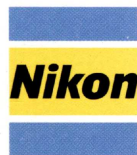
Pocket-type loupe 20D
<5x(2x/3x)>*

*Reference magnification (observed 250mm away from the lens)

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

March 2000

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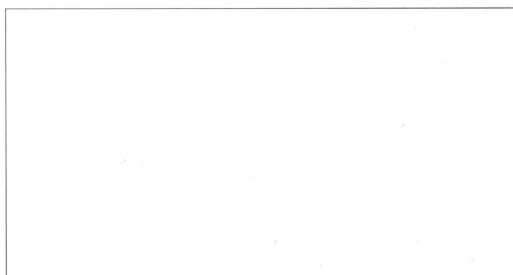


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