



# EDG

THE CUTTING EDGE IN SPORT OPTICS

*A More Brilliant, Vibrant World*

EDG Fieldscope 65

EDG Fieldscope 85-A

Nature is a gift to be appreciated, treasured.  
To be experienced as is, in all its glorious beauty,  
with the very finest of instruments.  
Refined from a rich heritage of exceptional optics,  
Nikon's EDG Fieldscopes are designed to lead you  
to a world of wonder that you've never yet seen.

## Key Features of EDG Fieldsopes

### Optical Technologies

- Extra-low dispersion (ED) glass for chromatic aberration compensation and brighter, clearer viewing
- Phase correction coated roof prism for high resolution
- Dielectric high-reflective multilayer prism coating on roof prism for the brightest view (straight models only)
- All lenses and prisms are multilayer-coated for the brightest images
- Seven kinds of new eyepieces deliver optimum optical performance under various weather conditions; FEP-20-60 employs aspherical lens to minimize image distortion; FEP-25 LER has ultra long 32.3mm eye relief

### Structure/Design

- Waterproof (up to 2m/6.6 ft. for 10 minutes) and fog free with nitrogen gas and O-ring seals (body/eyepiece joint is water resistant)
- Three tripod mount screw holes for flexible mounting; optimum balance achieved through CAE (Computer Aided Engineering)
- Built-in sliding hood protects objective lens
- Bayonet mount with lock employed for EDG eyepieces
- EDG eyepieces (except FEP-20-60) can be attached to a wide variety of COOLPIX-series compact digital cameras using FSB-series Digital Camera Bracket

## EDG Fieldscope Main Body Specifications



**EDG Fieldscope 85**



**EDG Fieldscope 85-A**



**EDG Fieldscope 65**



**EDG Fieldscope 65-A**

	EDG Fieldscope 85	EDG Fieldscope 85-A	EDG Fieldscope 65	EDG Fieldscope 65-A
Objective diameter (mm)	85	85	65	65
Close focusing distance (m)	5.0	5.0	3.3	3.3
Length (mm)*	379	398	313	332
Height x width (mm)*	127 x 102	131 x 102	120 x 88	131 x 88
Weight (g)*	2,030	2,030	1,560	1,620

\* Body only

## EDG Eyepiece Specifications



**FEP-20W**



**FEP-30W**



**FEP-38W**



**FEP-50W**



**FEP-75W**



**FEP-25 LER**



**FEP-20-60**

	FEP-20W		FEP-30W		FEP-38W		FEP-50W		FEP-75W		FEP-25 LER		FEP-20-60	
EDG Fieldscope diameter	85	65	85	65	85	65	85	65	85	65	85	65	85	65
Magnification (x)	20	16	30	24	38	30	50	40	75	60	25	20	20-60	16-48
Real field of view (degree)	3.3	4.1	2.4	3.0	1.9	2.4	1.4	1.8	1.0	1.2	2.4	3.0	2.2* <sup>2</sup>	2.8* <sup>2</sup>
Apparent field of view (degree)* <sup>1</sup>	60		64.3		64.3		64.3		64.3		55.3		42* <sup>2</sup>	
Field of view at 1,000m (m)	58	72	42	52	33	42	24	31	17	21	42	52	38* <sup>2</sup>	47* <sup>2</sup>
Exit pupil (mm)	4.3	4.1	2.8	2.7	2.2		1.7	1.6	1.1		3.4	3.3	4.3* <sup>2</sup>	4.1* <sup>2</sup>
Relative brightness	18.5	16.8	7.8	7.3	4.8		2.9	2.6	1.2		11.6	10.9	18.5* <sup>2</sup>	16.8* <sup>2</sup>
Eye relief (mm)	20.1		25.4		17.9		17.8		17		32.3		18.4* <sup>2</sup>	
Length (mm)* <sup>3</sup>	59		81 * <sup>4</sup>		74		71		71		77		99	
Outer diameter (mm)* <sup>3</sup>	63		63		63		63		63		63		63	
Weight (g)* <sup>3</sup>	240		390 * <sup>4</sup>		230		230		230		320		330	

\*1) Calculated based on ISO14132-1: 2002 \*2) At the lowest magnification \*3) Without caps \*4) With detachable turn-and-slide eyecup

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

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