

NEWLY DESIGNED MONARCH FIELDSCOPE MEP EYEPIECES

Nikon has developed eyepieces exclusively for MONARCH Fieldsopes. Each employs a new optical system, and a Field Flatteners Lens Sysytem that delivers consistent sharpness and clarity across the entire field of view. While providing a wide field of view, MONARCH eyepieces also provide sufficiently long eye relief. When attached to a Fieldscope, each of the three new MEP eyepieces are waterproof\*, ensuring safe use even during unexpected weather changes.



SPECIFICATIONS

MONARCH MEP Eyepieces	MEP-30-60W		MEP-20-60		MEP-38W	
Product Number	16110		16109		16108	
MONARCH Fieldscope diameter (mm)	82	60	82	60	82	60
Magnification (×)	30-60	24-48	20-60	16-48	38	30
Angular field of view (Real/degree)	2.0-1.2*3	2.5-1.5*3	2.1-1.0*3	2.6-1.2*3	2.0	2.5
Angular field of view (Apparent/degree) <sup>*1</sup>	55.3-65.6*3		40.4-54.3*3		66.4	
Field of view at 1,000 m (m)	35-21*3	44-26*3	37-17*3	45-21*3	35	44
Field of view at 1,000 yd. (ft)	105-63*3	132-78*3	111-51*3	135-63*3	105	132
Exit pupil (mm)	2.7-1.4*3	2.5-1.3*3	4.1-1.4*3	3.8-1.3*3	2.2	2.0
Relative brightness	7.3-2.0*3	6.3-1.6*3	16.8-2.0*3	14.4-1.7*3	4.8	4.0
Eye relief (mm)	15.2-14.2*3		16.1-15.3*3		18.5	
Length (mm/in.) <sup>*2</sup>	92/3.6*5 91/3.6*4		89/3.5		73/2.9	
Outer diameter (mm/in.) <sup>*2</sup>	62/2.4		62/2.4		61/2.4	
Weight (g/oz) <sup>*2</sup>	400/14.1*5 370/13.1*4		350/12.3		270/9.5	
Waterproof performance	Eyepiece: Not waterproof With Fieldscope attached: Waterproof (water equivalent to 5 mm (0.2 in.) per minute for a duration of 30 minutes) <sup>*4</sup>					

\*1 Calculated based on the ISO14132-1:2002 standard. \*2 Without caps. \*3 Designed reference value at highest magnification. \*4 When the DS (digiscoping) ring attachment is attached. \*5 When the TS (turn slide) ring attachment is attached. \*6 This product will suffer no damage to the optical system in falling water equivalent to 5 mm (0.2 in.) rainfall per minute for a duration of 30minutes. NOT designed for underwater usage. Note: Because values shown on these charts were designed values rounded up/down, calculation of figures may not match exactly.

MODELS

	Product Number	UPC	Product Description	Suggested Retail Price (SRP)
NEW	16108	018208161089	MEP-38W	\$ 299.95
NEW	16109	018208161096	MEP-20-60*	\$ 299.95
NEW	16110	018208161102	MEP-30-60W	\$ 549.95

\* Included with Fieldscope



Nikon No-Fault Repair/Replacement Policy for Binoculars, Riflescopes and Fieldsopes\*

Nikon is dedicated to quality, performance and total customer satisfaction. If your Nikon Binocular, Riflescope or Fieldscope requires service or repair not covered by our Limited Lifetime Warranty, just send it to us and Nikon will repair or replace it.

\*Excludes products with electric components, lost or stolen products and intentionally caused damage.



NEW!

MONARCH  
Fieldsopes

A Better Look At Your World



For full details of the Nikon No-Fault Repair/Replacement Policy and Limited Lifetime Warranty visit [NikonSportOptics.com](http://NikonSportOptics.com)

Technical Information, Service & Repair 1-800-NIKON US

Nikon Service & Repair Center 6420 Wilshire Blvd., Suite 100 Los Angeles, CA 90048-5501

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[NikonSportOptics.com](http://NikonSportOptics.com)



A BETTER LOOK AT YOUR WORLD

True to its legendary name and reputation, the new MONARCH Fieldscope pushes long-range viewing capability to an entirely new level for adventurous hunters and long-range shooters. Delivering a full complement of Nikon optical technologies engineered for an incredibly bright, clear, high resolution view across the entire viewing field, the flagship MONARCH Fieldscope makes long days of viewing both satisfying and strain-free.

With an innovative focusing system that reduces high-magnification scope movements and tough, lightweight aluminum alloy construction, the MONARCH Fieldscope assures its owner of a lifetime of high performance optical capability, mechanical precision and all-out ruggedness.

NEW!

MONARCH  
Fieldsopes



MONARCH Fieldscope 82ED-S

ED  
GLASS

FEATURES

Advanced Apochromat Optical System with ED Glass

Minimizes color fringing to the furthest limit of the visible light range, ensuring a contrast-rich and color-faithful field of view.



Advanced apochromat



Without chromatic aberration compensation  
- Simulated images

Comfortable Body Design

Constructed of robust aluminum alloy, provides durability, reliability and ease of operation.

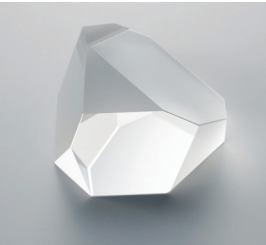


Multilayer Coating

Multilayer coating is applied to all lens and prism surfaces, allowing powerful light transmission. The resulting bright field of view delivers true-to-life natural colors. Coating also greatly reduces the flare and ghosting that can occur in backlit situations.

Straight Models use a Porro Prism, while Angled-type Models employ Nikon's Original Total Reflection Prism

Because all prism reflective surfaces offer complete reflectivity with no loss of light, a bright and vivid view is achieved.



Optimized Focusing System

Effortless, smooth focusing enables you to confidently acquire your target faster and in sharper focus.

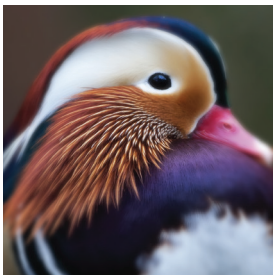


Field Flattener Lens System†

Delivers sharp images all the way to the periphery. Provides consistent, edge-to-edge sharpness while compensating astigmatism and coma aberration at the same time.



Field Flattener Lens System



Without Field Flattener Lens System  
- Simulated images

SPECIFICATIONS

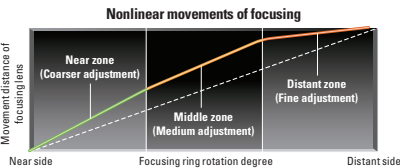


MONARCH Fieldsopes	82ED-S	82ED-A	60ED-S	60ED-A
Product Number	16100	16101	16102	16103
Objective diameter (mm)	82	82	60	60
Close focusing distance (m/ft)	5.0/16.4	5.0/16.4	3.3/10.8	3.3/10.8
Filter-attachment size (mm)	86 (P=1.0)	86 (P=1.0)	67 (P=0.75)	67 (P=0.75)
Length (mm/in.)*1	325 (355*2)/12.8 (14.0*2)	334 (364*2)/13.1 (14.3*2)	262 (285*2)/10.3 (11.2*2)	270 (293*2)/10.6 (11.5*2)
Height × Width (mm/in.)*1	124×103/4.9×4.1	112×108/4.4×4.3	124×93/4.9×3.7	110×98/4.3×3.9
Weight (g/oz)*1	1,650/58.2	1,640/57.8	1,260/44.4	1,250/44.1
Waterproof performance	Fieldscope unit: Waterproof and fog-proof (up to 1 m (3 ft 3 in.) for 10 min., nitrogen gas purged)*3			

\*1 Without caps \*2 When hood is fully extended. \*3 This product will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 1 meter (3 ft 3 in.) for up to 10 minutes. NOT designed for underwater usage. Note: Above specifications do not include eyepieces.

MODELS

	Product Number	UPC	Product Description	Suggested Retail Price (SRP)
NEW	16100	018208161003	20-60x82 ED Straight Body	\$ 1,599.95
NEW	16101	018208161010	20-60x82 ED Angled Body	\$ 1,599.95
NEW	16102	018208161027	16-48x60 ED Straight Body	\$ 1,399.95
NEW	16103	018208161034	16-48x60 ED Angled Body	\$ 1,399.95



† Curvature of field is an aberration that occurs when focusing on the center of the field of view causing the periphery to go out of focus or vice versa. Nikon's Field Flattener Lens System compensates for this aberration.

\*Waterproof up to 1m/3.3ft for 10 minutes. NOT designed for underwater usage.