



OPEN YOUR EYES TO NATURE



# MONARCH M7

8×30/10×30/8×42/10×42



# MONARCH M5

8×42/10×42/12×42





The new **MONARCH** series binoculars - unseen excitement awaits you.

## MONARCH M7

8×30/10×30/8×42/10×42

Optical performance pursuing a wider field of view and contrast. A genuine all-round model.



MONARCH M7  
8×30



MONARCH M7  
10×42

## MONARCH M5

8×42/10×42/12×42

Well-balanced optical performance achieves a bright view and natural colour fidelity. A standard model ideal for any situation.



MONARCH M5  
8×42



MONARCH M5  
12×42

### HIGH CONTRAST AND RESOLUTION REALISED WITH ED GLASS

Employing extra-low dispersion (ED) glass corrects chromatic aberration that causes colour fringing, which realises a contrast-rich and high-resolution image.

### OIL- AND WATER-REPELLENT COATING

MONARCH M7 only

Oil- and water-repellent coating applied to the objective lens and eyepieces allows smudges like fingerprints to be easily wiped off.



Conceptual image

### DIOPTRIC ADJUSTMENT RING LOCKING SYSTEM

MONARCH M7 only

Thanks to the dioptre adjustment locking system, unintentional rotation due to frequent use or during operation can be prevented.

### BRIGHT, CLEAR WIDE FIELD OF VIEW

Multilayer coating is applied to all lenses and prisms. Dielectric high-reflective multilayer prism coating and phase correction coating are applied to the roof prisms. All of this effectively combines to deliver a bright field of view plus natural colour fidelity. The wide apparent field of view\* offers spectacular viewing.

\*All models of the MONARCH M7 series offer a wide field of view of 60° or more.

### WATERPROOF (UP TO 1M/3.3 FT. FOR 10 MINUTES) AND FOG-FREE WITH O-RING SEALS AND NITROGEN GAS

The binoculars have a waterproof structure and nitrogen gas is filled to prevent fogging inside the optical system. They can be reliably used on snowy mountainsides or near water, in fields with night dew, and during sudden shifts in temperature or air pressures.

### SPECIFICATIONS

Model	MONARCH M7				MONARCH M5		
	8×30	10×30	8×42	10×42	8×42	10×42	12×42
Magnification (×)	8	10	8	10	8	10	12
Effective objective diameter (mm)	30		42		42		
Angular field of view (Real) (°)	8.3	6.7	8.3	6.9	6.4	5.6	5.1
Angular field of view (Apparent) (°)*1	60.3	60.7	60.3	62.2	48.2	52.1	56.2
Field of view at 1,000m/yd. (m/ft)	145/435	117/351	145/435	121/362	112/335	98/293	89/267
Exit pupil (mm)	3.8	3.0	5.3	4.2	5.3	4.2	3.5
Brightness	14.4	9.0	28.1	17.6	28.1	17.6	12.3
Eye relief (mm)	15.1	15.8	17.1	16.5	19.5	18.4	15.1
Close focusing distance (m/ft)	2.0/6.6		2.5/8.2		2.5/8.2		
Length (mm/in.)	119/4.7		142/5.6		145/5.7		
Width (mm/in.)	125/4.9		130/5.1		129/5.1		
Depth (mm/in.)	48/1.9		57/2.2		54/2.1		
Weight (g/oz)	465/16.4	470/16.6	670/23.6	680/24.0	630/22.2	640/22.6	
Interpupillary distance adjustment (mm/in.)	56-72/2.2-2.8				56-72/2.2-2.8		
Waterproof structure	Waterproof (up to 1m/3.3 ft. for 10 minutes)*2, fogproof				Waterproof (up to 1m/3.3 ft. for 10 minutes)*2, fogproof		

\*1 Apparent field of view is calculated based on the ISO14132-1:2002 standard. \*2 Not designed for underwater usage.

MONARCH M7  
MONARCH M5

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