## Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>MONARCH HG 8x42</th>
<th>MONARCH HG 10x42</th>
<th>MONARCH 7 8x30</th>
<th>MONARCH 7 10x30</th>
<th>MONARCH 7 8x42</th>
<th>MONARCH 7 10x42</th>
<th>MONARCH 5 8x42</th>
<th>MONARCH 5 10x42</th>
<th>MONARCH 5 8x56</th>
<th>MONARCH 5 10x56</th>
<th>MONARCH 5 12x42</th>
<th>MONARCH 5 16x56</th>
<th>MONARCH 5 20x56</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnification (×)</td>
<td>8</td>
<td>10</td>
<td>8</td>
<td>10</td>
<td>8</td>
<td>10</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>8</td>
</tr>
<tr>
<td>Objective diameter (mm)</td>
<td>42</td>
<td>42</td>
<td>42</td>
<td>42</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
<td>56</td>
</tr>
<tr>
<td>Developed magnification</td>
<td>8.3</td>
<td>8.3</td>
<td>6.7</td>
<td>6.0</td>
<td>6.3</td>
<td>5.5</td>
<td>5.5</td>
<td>6.7</td>
<td>5.3</td>
<td>4.9</td>
<td>4.1</td>
<td>3.5</td>
<td>3.5</td>
</tr>
<tr>
<td>Angular field of view (Real/degree)</td>
<td>8.3/6.9</td>
<td>8.3/6.7</td>
<td>6.7/6.0</td>
<td>6.0/5.5</td>
<td>6.3/5.5</td>
<td>5.5/5.0</td>
<td>6.7/6.2</td>
<td>5.3/4.9</td>
<td>4.9/4.1</td>
<td>4.1/3.5</td>
<td>3.5/2.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angular field of view (Apparent/degree)*</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
<td>60.3</td>
</tr>
<tr>
<td>Field of view at 1,000m/yd. (m/ft)1</td>
<td>145/435</td>
<td>121/362</td>
<td>145/435</td>
<td>117/351</td>
<td>140/435</td>
<td>117/351</td>
<td>118/350</td>
<td>89/286</td>
<td>83/262</td>
<td>198/575</td>
<td>72/215</td>
<td>56/173</td>
<td></td>
</tr>
<tr>
<td>Eye relief (mm)</td>
<td>17.8</td>
<td>17.8</td>
<td>15.1</td>
<td>19.8</td>
<td>17.1</td>
<td>18.6</td>
<td>18.6</td>
<td>19.5</td>
<td>18.4</td>
<td>19.1</td>
<td>20.3</td>
<td>16.4</td>
<td>16.4</td>
</tr>
<tr>
<td>Close focusing distance (m/ft)</td>
<td>2.0/6.6</td>
<td>2.0/6.6</td>
<td>2.5/8.2</td>
<td>2.5/8.2</td>
<td>7.0/23.0</td>
<td>5.0/16.4</td>
<td>5.0/16.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size (height)</td>
<td>145/5.7</td>
<td>118/4.7</td>
<td>142/5.6</td>
<td>139/5.1</td>
<td>140/5.7</td>
<td>139/5.1</td>
<td>140/5.7</td>
<td>139/5.1</td>
<td>140/5.7</td>
<td>139/5.1</td>
<td>140/5.7</td>
<td>139/5.1</td>
<td>140/5.7</td>
</tr>
<tr>
<td>Weight (g)</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
<td>569/20.2</td>
</tr>
<tr>
<td>Weight (oz)</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
<td>20.2</td>
</tr>
<tr>
<td>Interpupillary distance adjustment (mm)</td>
<td>56-74</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
<td>56-70</td>
</tr>
<tr>
<td>Waterproof *2</td>
<td>Up to 5m/16.4 ft for 10min</td>
<td>Up to 1m/3.3 ft for 10min</td>
<td>Up to 1m/3.3 ft for 10min</td>
<td>Up to 1m/3.3 ft for 10min</td>
<td>Up to 1m/3.3 ft for 10min</td>
<td>Up to 1m/3.3 ft for 10min</td>
<td>Up to 1m/3.3 ft for 10min</td>
<td>Up to 1m/3.3 ft for 10min</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*1  Apparent field of view is calculated based on the ISO14132-1:2002 standard.
*2  Waterproof models: These binoculars are waterproof, and will suffer no damage to the optical system if submerged or dropped in water to a maximum depth of 5m/16.4 ft for 10min or 1m/3.3 ft for 10min. (NOT designed for underwater usage.)

---

**WARNING**

Never look at the sun directly through optical equipment. It may cause damage to or loss of eyesight.

---

NIKON VISION CO., LTD.
Nikon Futaba Bldg., 3-25, Futaba 1-chome, Shinagawa-ku,
Tokyo 142-0043, Japan
Tel: +81-3-3788-7697  Fax: +81-3-3788-7698
www.nikon.com/sportoptics

---

*En* 3CE-80K-111607-008K

---

The product lineup listed in this brochure is correct as of the time of printing, and is subject to change without notice, while availability may vary according to region. 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.

July 2016
©2016 NIKON VISION CO., LTD.
THE MOST ADVANCED MONARCH EVER:

MONARCH HG
Achieving a bright view that provides natural colour fidelity

High-quality multilayer coating is applied to all lenses and prisms while dielectric high-reflective multilayer coating is applied to the roof prisms, achieving a brightness of up to 92% or higher light transmittance, and natural colour fidelity. The quality of view is as if seen with the naked eyes. Also, phase-correction coating is applied to the roof prisms for enhanced resolution and contrast.

Realising a wide field of view, with stunning clarity all the way to the periphery

The wide apparent field of view (80.3° for the 8×42 and 82.2° for the 10×42) provides a spectacular viewing experience. While ensuring wide field of view, the Field Flattener Lens System ensures sharpness and clarity all the way to the lens periphery. What’s more, the employment of extra-low dispersion (ED) glass effectively suppresses chromatic aberrations that cause blurred surfaces, rendering a more natural high-resolution image.

Sturdy, lightweight, waterproof body handles tough environments

Employing magnesium alloy ensures a sturdy, lightweight and compact body. The high level of waterproof/fogproof performance with nitrogen-filled body resists pressure to a depth of 5m/16.4 ft and prevents fogging inside the optical system, even in low-pressure environments at an altitude of 5,000m/16,404 ft (equivalent). Scratch-resistant coating is applied on the objective lens and eyepiece surfaces. An assured field of view is enjoyed in harsh wind environments such as mountains and coasts. The body is designed to endure the harshest of conditions.

The MONARCH HG