

OLYMPUS
[Binoculars]
DESIGNED FOR PERFECTION



OLYMPUS

Your Vision, Our Future

[Perfection rests on competence]

As technology leader for optical precision equipment and a world-renowned brand, OLYMPUS has to be your first choice when it comes to binocular technology:

■ WORLD MARKET LEADER

Present in the market since 1919, OLYMPUS leads the world in opto-digital technologies – not only in the camera sector, but also in the field of medical science. We set decisive standards – and this helps you to sell OLYMPUS brand binoculars.

■ OUTSTANDING DESIGN

Again and again, OLYMPUS treads remarkable new paths in product design, winning numerous awards that reflect this high standard.

OLYMPUS binoculars are distinguished by their modern and ergonomic design – something that will also convince your customers!

■ COMPACT RANGE

From specialised binoculars for professional applications to ultra-lightweight everyday companions – OLYMPUS always has the right binoculars to suit each and every one of your customers.

■ ATTRACTIVE MARGINS

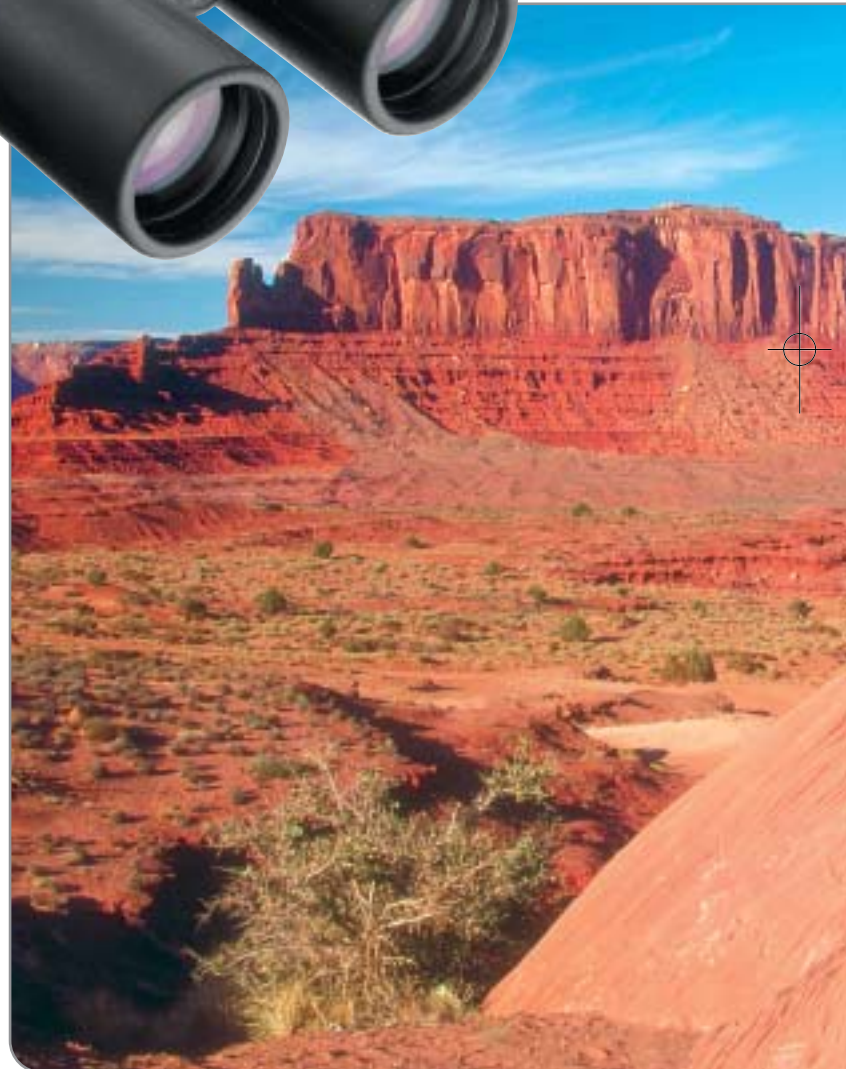
Binoculars are always in season – no matter what the time of year. What's more, our products guarantee you attractive margins. This makes your business all the more worthwhile.

25 YEARS
EUROPEAN
WARRANTY

■ GUARANTEED QUALITY

OLYMPUS guarantees you and your customers outstanding quality. High-grade optical materials and components provide decades of pleasure using your binoculars – which is why we give users a 25-year guarantee in Europe.

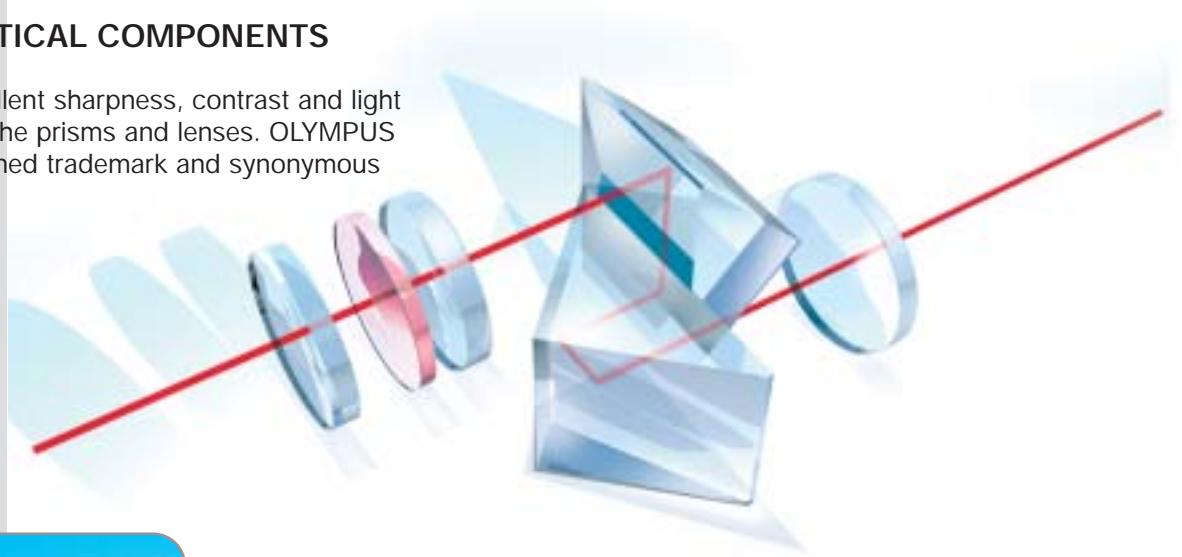
EXWP I Series –
Prestigious Design Award



[Superior optics is what counts]

■ HIGH-GRADE OPTICAL COMPONENTS

The key criterion for excellent sharpness, contrast and light intensity is the quality of the prisms and lenses. OLYMPUS lenses are a world-renowned trademark and synonymous with optical precision.



Multi-coated lenses

Most of the OLYMPUS binoculars use multi-coated lenses which prevent light and sharpness loss caused by reflections.



BaK-4 prisms and lenses

Precisely ground prisms and lenses made of brightness-enhancing barium crown glass (BaK-4) ensure clarity and brightness to the very edge of the field of view. OLYMPUS offers an extensive range of high-quality binoculars with BaK-4.



Aspherical lenses

Precisely tooled aspherical lens elements prevent distortion and guarantee plasticity, sharp contours and bright pictures. Aspherical lens technology is used in numerous OLYMPUS binoculars.



UV Protection

All OLYMPUS binoculars provide protection against harmful UV rays as they use special coatings or lenses.



[Professional]

**EXPS I Series***Porro-Prism Binoculars***AMBITIOUS NATURE ENTHUSIASTS AND GLOBETROTTERS**

12x50 EXPS I
12x magnification
192 (w) x 163 (h) x 62 (d) mm
910 g



Bright optics
for low-light observation



10x42 EXPS I
10x magnification
187 (w) x 130 (h) x 57 (d) mm
785 g



8x42 EXPS I
8x magnification
187 (w) x 130 (h) x 57 (d) mm
780 g

High performance nature binoculars with professional features and excellent optics

– ideal for bird and nature watching, astronomy, spectator sports –

- High index BaK-4 porro prisms for bright, crisp edge-to-edge images
- Fully multi-coated lenses for maximum image brightness and contrast
- Long eye-relief with twist-up/down eyepieces
- Non-slip rubberized coating and grips for a sure hold
- New ergonomic, contoured design
- UV coating for care-free viewing
- Brightness for low-light observation and stargazing (8x42 EXPS I)
- Large, centre-focus knob for fast and easy focusing
- Built-in dioptic correction adjusts to individual's eyesight



Multi-coated glass lenses



Large centre-focus knob

[Professional Waterproof]



EXWP I Series

Roof-Prism Binoculars

WATER AND EXTREME ENTHUSIASTS

*only WP I Series
**only EXWP I Series



10x42 EXWP I
10x magnification
129 (w) x 145 (h) x 53 (d) mm
660 g



8x42 EXWP I
8x magnification
129 (w) x 145 (h) x 53 (d) mm
650 g

WP I Series



10x25 WP I
10x magnification
115 (w) x 111 (h) x 44 (d) mm
345 g



8x25 WP I
8x magnification
115 (w) x 111 (h) x 44 (d) mm
340 g

Superior optics and performance under extreme conditions

– ideal for water sports, climbing, spectator sports, hiking –

- Nitrogen-filled body for waterproof/fogproof/dirtproof performance
- High index BaK-4 prisms for bright, crisp, edge-to-edge images
- Slim & stylish ergonomic design
- Fully multi-coated lenses for maximum image brightness and contrast
- Phase & UV coating*
- Long eye-relief with twist-up/down eyepieces
- Large centre-focus knob for fast and easy focusing
- Built-in dioptic correction adjusts to individual's eyesight
- 10x25 WP I and 8x25 WP I come complete with floatable strap

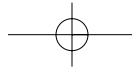
*only for EXWP I Series



Waterproof



Floatable strap



[Standard]



DPS I Series

Porro-Prism Binoculars

NATURE ENTHUSIASTS



8-16x40 ZOOM DPS I
8-16x magnification
182 (w) x 152 (h) x 58 (d) mm
790 g



10x50 DPS I
10x magnification
191 (w) x 178 (h) x 63 (d) mm
855 g



8x40 DPS I
8x magnification
182 (w) x 139 (h) x 58 (d) mm
710 g



7x35 DPS I
7x magnification
180 (w) x 119 (h) x 58 (d) mm
650 g

Affordable optical power in classic nature binocular style

– ideal for nature and bird watching –

- Durable, high-quality finish with sure-grip rubber coating
- UV ray protection for worry-free viewing
- Wide-angle field of view for fast-moving subjects (except for 8-16x40 ZOOM DPS I)
- Aspherical lens elements for minimal distortion (except for 8-16x40 ZOOM DPS I)
- Anti-reflective lens coating for better image brightness, contrast and quality
- Large centre-focus knob for fast and easy focusing
- Built-in dioptic correction adjusts to individual's eyesight

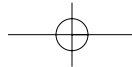


50°
conventional

65°
WIDE



30% wider view



[Urban]



ZOOM PC I Series

Porro-Prism Binoculars

SIGHTSEEING AND SPECTATOR SPORTS FANS

*only PC I Series



10-30x25 ZOOM PC I
10-30x magnification
114 (w) x 111 (h) x 48 (d) mm
315 g



8-16x25 ZOOM PC I
8-16x magnification
114 (w) x 111 (h) x 48 (d) mm
315 g

PC I Series



12x25 PC I
12x magnification
114 (w) x 98 (h) x 48 (d) mm
280 g



10x25 PC I
10x magnification
114 (w) x 98 (h) x 48 (d) mm
280 g

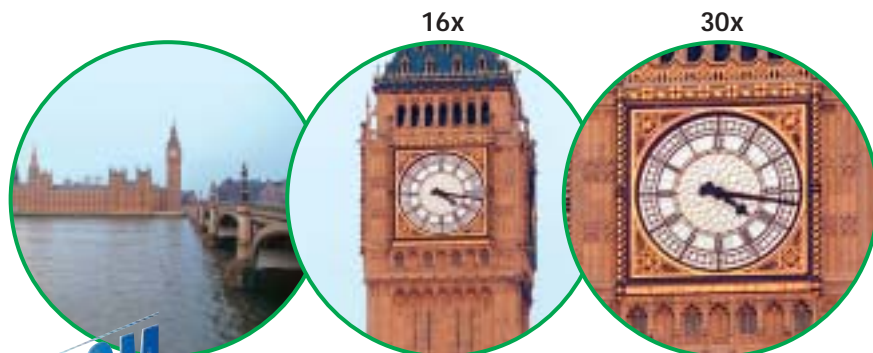


8x25 PC I
8x magnification
114 (w) x 98 (h) x 48 (d) mm
280 g

High-performance binoculars featuring world-class optics in a compact, stylish design

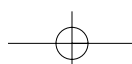
– ideal for sightseeing, travelling, sports events –

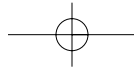
- Compact, lightweight design for hassle-free portability
- Contemporary design is sleek and stylish
- Multi-coated lens for maximum image brightness and contrast
- Non-zoom models feature long eye-relief
- All models feature twist-up/down eyepieces
- UV ray protection for care-free viewing
- Built-in dioptic correction adjusts to individual eyesight
- Convenient centre-focus knob for easy and accurate focusing



ZOOM

up to 30x magnification





[Slim]



RC I Series

Roof-Prism Binoculars

DESIGN AND FUN ORIENTED SPECTATORS



10x21 RC I
10x magnification
105 (w) x 92 (h) x 40 (d) mm
195 g



Holiday on Ice - Stage Holding



8x21 RC I
8x magnification
105 (w) x 92 (h) x 40 (d) mm
195 g

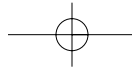
Ultra compact all-rounder that fits in every pocket

– ideal for events, concerts, travelling, spectator sports –

- Foldable, ultra-compact and stylish
- High index BaK-4 prisms for bright, crisp images
- Multi-coated lenses for maximum brightness and contrast
- UV ray protection for care-free viewing
- Convenient centre-focus knob for easy focusing
- Built-in dioptic correction adjusts to individual eyesight



Credit card size
At only 9x6.5 cm (folded) the smallest binoculars in its class



[Pocket]



DPC I Series

Porro-Prism Binoculars

HIKERS AND ROAMERS



10x21 DPC I
10x magnification
107 (w) x 82 (h) x 41 (d) mm
170 g



8x21 DPC I (Silver)
8x magnification
107 (w) x 82 (h) x 41 (d) mm
170 g



8x21 DPC I (Steel blue)
8x magnification
107 (w) x 82 (h) x 41 (d) mm
170 g

Affordable and portable all-purpose binoculars

– ideal for roaming, hiking, sightseeing, travelling –

- Stylish contemporary design
- Anti-reflective lens coating reduces glare
- UV ray protection for care-free viewing
- Convenient centre-focus knob for easy, accurate focusing
- Built-in dioptic correction adjusts to individual eyesight



Feather-light and compact

At only 170 g the lightest binoculars in its class

[More benefits]

Excellent optical performance plus user-friendly features:



EYE-RELIEF AND ADJUSTABLE EYEPIECES

Long eye-relief allows people who wear glasses to see the full image even with their glasses on. Adjustable eyepieces can be twisted up and down to further enhance comfortable viewing.

Twist-up/down eyepieces: EXWP I, EXPS I, WP I, PC I & Zoom PC I, RC I



DIOPTER ADJUSTMENT

All OLYMPUS binoculars have a central focusing knob, plus a separate diopter adjustment mechanism on one eyepiece. This individual eyepiece adjustment permits users to compensate for vision differences between their eyes and will produce in-focus images for each eye.



HIGH VALUE ALL-IN-ONE STANDARD PACKAGE

All OLYMPUS binoculars come complete with case, neckstrap and protective lens covers.

POS SUPPORT



High value display stand made of plexi glass for small sized binoculars.



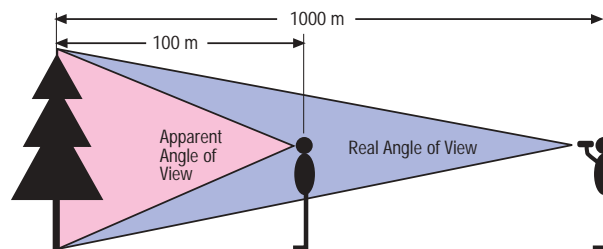
Counter mat featuring the most popular binoculars.

*contact OLYMPUS sales staff

[The A to Z of binoculars]

ANGLE OF VIEW/FIELD OF VIEW

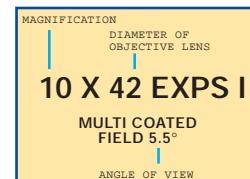
The angle of view is measured in degrees and reflects how wide an area you will be able to see with the binoculars. It is also referred to as the field of view, and can be expressed as the width of the viewing area in metres when viewed from a distance of 1000 metres. A wider field of view makes it easier to observe sports events, wildlife and other moving subjects.



With the 8x25 PC I for instance, the field of view is 105 metres at 1000 metres. But with the 7x35 DPS I it is 162 metres at the same distance.

OBJECTIVE LENS DIAMETER

The size of the objective (front) lens is given in millimetres and is an important measure of binocular performance. While larger lenses generally offer greater light-gathering power for a brighter view and better image detail, they do add to the size and weight of the binoculars.



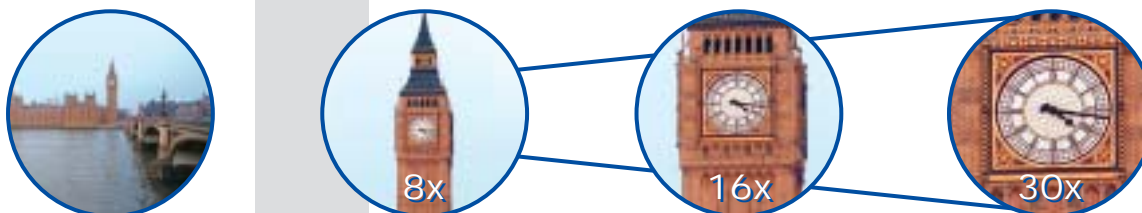
MAGNIFICATION

Magnification refers to the apparent enlargement of the object being viewed. If you are viewing an object 1000 metres away, it will appear as if the object is only 100 metres away.



ZOOM

OLYMPUS offers binoculars with a zoom function that ranges from 8-16x to 10-30x magnification.

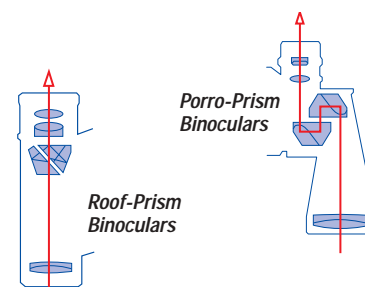


PRISMS

The prisms in the high-performance binoculars are coated to preserve brightness and image detail. They are ground from BaK-4, a type of optical glass that refracts very little light for great image clarity. Two different types of prism are employed. Porro-prism binoculars feature an off-set barrel design. The wide space of their objective lenses enhances perspective to produce superb three dimensional images. A roof-prism system reduces the amount of space needed by directing light through a smaller area, which also makes the binoculars lighter and more compact.

Roof-Prism Binoculars: EXWP I, WP I, RC I

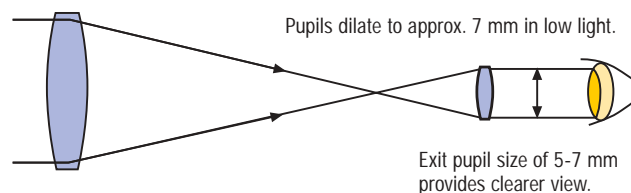
Porro-Prism Binoculars: EXPS I, DPS I, ZOOM PC I, PC I, DPC I

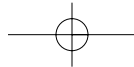


EXIT PUPIL SIZE

Exit pupil size refers to the diameter of the image that emerges from the eyepiece. The larger the image, the greater your ability to see in low-light situations. Exit pupil size can be determined by dividing the diameter of the objective lens by the magnification. This gives you the size of the exit pupil in millimetres. An exit pupil size of 2 or 3 millimetres is sufficient for viewing subjects in bright light, but if low-light performance is an issue, look for a binocular with an exit pupil size of 5-7 millimetres.

In case of 8x42 binoculars: $42/8 = 5.3 \rightarrow$ exit pupil = 5.3 mm





[Recommendation For Use / Specifications]

Recommendation For Use

Use \ Model	12x50 EXPS I	10x42 EXPS I	8x42 EXPS I	10x42 EXWP I	8x42 EXWP I	10x25 WP I	8x25 WP I	10x50 DPS I	8x40 DPS I	7x35 DPS I	8-16x40 ZOOM DPS I	10-30x25 ZOOM PC I	8-16x25 ZOOM PC I	12x25 PC I	10x25 PC I	8x25 PC I	10x21 RC I	8x21 RC I	10x21 DPC I	8x21 DPC I
General Use	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Bird-Watching	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Camping/Hiking	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Boating/Beach				⊙	⊙	⊙	⊙													
Sports Events	○	○	○	○	○	○	○	⊙	⊙	⊙	⊙	⊙	⊙	○	○	○	○	○	○	○
Theatre/ Indoor Events						○	○								○	⊙	○	⊙	○	⊙
Travelling						⊙	⊙					⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Astronomy	○	○	⊙	○	⊙			○	○	○										
Business/ Exhibitions																	⊙	⊙	⊙	⊙

⊙ = Excellent ○ = Good

Specifications

Item \ Model	12x50 EXPS I	10x42 EXPS I	8x42 EXPS I	10x42 EXWP I	8x42 EXWP I	10x25 WP I	8x25 WP I	10x50 DPS I	8x40 DPS I	
Type	Standard Porro-Prism Binoculars			Standard Roof-Prism Binoculars		Compact Roof-Prism Binoculars		Standard Porro-Prism Binoculars		
Magnification	12x	10x	8x	10x	8x	10x	8x	10x	8x	
Objective Lens Diameter (mm)	ø50	ø42	ø42	ø42	ø42	ø25	ø25	ø50	ø40	
Exit Pupil Diameter (mm)	ø4.2	ø4.2	ø5.3	ø4.2	ø5.3	ø2.5	ø3.1	ø5.0	ø5.0	
Real Angle of View	4.6°	5.5°	6.5°	6.0°	6.3°	5.0°	5.5°	6.5°	8.2°	
Apparent Angle of View	55.2°	55.0°	52.0°	60.0°	50.4°	50.0°	44.0°	65.0°	65.6°	
Field of View at 1000 m (m)	80	96	114	105	110	87	96	114	143	
Relative Brightness	18	18	28	18	28	6.3	9.8	25	25	
Eye Relief (mm)	18	18	18	15	18	16	18	12	12	
Adjustable Eyepieces	●	●	●	●	●	●	●			
Diopter Adjustment Range (mm)	Over ± 2m ⁻¹									
Eye Interval Adjustment Range (mm)	60-70			3		58-72		60-70		
Near Focus Distance (m)	6	4	4	3	3	3	3	6	4	
Weight (g)	910	785	780	660	650	345	340	855	710	
Width (mm)	192	187	187	129	129	115	115	191	182	
Height (mm)	163	130	130	145	145	111	111	178	139	
Depth (mm)	62	57	57	53	53	44	44	63	58	
Lens Configuration	8 elements in 6 groups		7 elements in 5 groups		9 elements in 6 groups		7 elements in 5 groups		5 elements in 3 groups	

Article No.	018797	018795	018793	018819	018799	018674	018604	N1240482	N1240382
EAN-Code	005033213383-9	005033213385-3	005033213384-6	005033213382-2	005033213381-5	005033213745-5	005033213742-4	005033214086-8	005033214083-7

Item \ Model	7x35 DPS I	8-16x40 ZOOM DPS I	12x25 PC I	10x25 PC I	8x25 PC I	10-30x25 ZOOM PC I	8-16x25 ZOOM PC I	10x21 RC I	8x21 RC I	10x21 DPC I	8x21 DPC I	
Type	Standard Porro-Prism Binoculars		Compact Porro-Prism Binoculars				Compact Roof-Prism Binoculars		Compact Porro-Prism Binoculars			
Magnification	7x	8-16x	12x	10x	8x	10-30x	8-16x	10x	8x	10x	8x	
Objective Lens Diameter (mm)	ø35	ø40	ø25	ø25	ø25	ø25	ø25	ø21	ø21	ø21	ø21	
Exit Pupil Diameter (mm)	ø5.0	ø5.0-ø2.5	ø2.1	ø2.5	ø3.1	ø2.5-ø0.8	ø3.1-ø1.6	ø2.1	ø2.6	ø2.1	ø2.6	
Real Angle of View	9.3°	5.0°-3.4°	4.5°	5.2°	6.0°	3.2°-1.9°	4.5°-2.9°	5.0°	6.2°	5.0°	6.4°	
Apparent Angle of View	65.1°	40.0°-54.4°	54.0°	52.0°	48.0°	32.0°-57.0°	36.0°-46.4°	50.0°	49.6°	50°	51.2°	
Field of View at 1000 m (m)	162	87-59	79	91	105	56-33	79-51	87	108	87	112	
Relative Brightness	25	25-6.3	4.3	6.3	9.8	6.3-0.7	9.8-2.4	4.4	6.9	4.4	6.9	
Eye Relief (mm)	12	10-12	16	15	16.5	15-8	15-12	11	11	11	11	
Adjustable Eyepieces			●	●	●	●	●	●	●			
Diopter Adjustment Range (mm)	Over ± 2m ⁻¹		Over ± 1m ⁻¹		Over ± 2m ⁻¹							
Eye Interval Adjustment Range (mm)	60-70		58-70				37-70		60-70			
Near Focus Distance (m)	3	10	3.5	2.5	2.5	5	5	2.5	2.2	2.5	2.2	
Weight (g)	650	790	280	280	280	315	315	195	195	170	170	
Width (mm)	180	182	114	114	114	114	114	105	105	107	107	
Height (mm)	119	152	98	98	98	111	111	92	92	82	82	
Depth (mm)	58	58	48	48	48	48	48	40	40	41	41	
Lens Configuration	5 elements in 3 groups		6 elements in 4 groups		8 elements in 6 groups		7 elements in 5 groups		9 elements in 6 groups		6 elements in 4 groups	

Article No.	N1240282	N1240582	018963	018949	018909	017147	017146	018735	018731	017064	017214
EAN-Code	005033214080-6	005033214089-9	005033213413-3	005033213412-6	005033213411-9	005033213415-7	005033213414-0	005033213738-7	005033213734-9	005033213417-1	005033213416-4

Notes: • Appearance and specifications are subject to change without notice.

• EXWP I and WP I binoculars can be submerged to a depth of 1 metre for up to 5 minutes without affecting their performance.

