

# EL *RANGE*



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SWAROVSKI  
OPTIK





# WAY UP THERE

*In the mountains, hunters are greeted by breathtaking scenery, which provides a backdrop that is tough to beat in terms of wild beauty. But hunting in the mountains presents us with huge challenges. Climbing the steep stalking tracks, through challenging terrain, places constant demands on hunters, both physically and mentally.*

SWAROVSKI OPTIK, which has its head office in the very midst of the imposing Tyrolean mountains, is more familiar than anyone with these tough demands. After all, many of our employees are hunters themselves. They know exactly what is involved. And all their experiences are a source of innovation. These are precisely the conditions under which the EL Range binoculars were developed and enhanced, the aim being to provide every hunter with the perfect result, even in the toughest circumstances.

*Your target is in front of you. You must look, measure, and hit it in seconds. The EL Range is the perfect blend of optics and ergonomics. Hunting in the mountains means no compromises.*











# THE NEW EL RANGE THE PEAK OF *PERFECTION*

*1 OBSERVING EVERY DETAIL. Razor-sharp images combined with precise range and angle measurement: The EL Range helps you experience more and enjoy successful hunting.*

*2 STEADY HAND. Their perfectly balanced weight will ensure you can measure even the furthest of targets accurately.*

*3 SIMPLE AND PRACTICAL. The new strap connector makes it easy to switch the strap and accessories quickly and flexibly.*

*4 FUNCTIONAL DESIGN. A new, distinctive measurement button for practical use, a comfortable focusing wheel, integrated lens protectors: The EL Range is perfectly designed down to the smallest detail.*



# MAXIMUM ACCURACY *IN HIGH MOUNTAINS*

**TOTALLY STATE-OF-THE-ART OPTICS.** The sophisticated EL Range binoculars feature an integrated range and angle finder that provides a large field of view and produces impressive transmission values in both barrels of the binoculars.

**WHAT ARE THE BENEFITS?** The combination of the large field of view and high transmission gives you a total package that is second to none. When you use them, they provide you with a better overview and give you more time to focus on what really matters. The excellent transmission enables you to make out details even more accurately, while the integrated measurement function allows you to keep track of vital settings such as angle and range to target in every situation.



#### USING CRYSTAL-CLEAR OPTICS

The combination of a large field of view and high transmission provides you with a better overview and more details.

#### STANDARD

A smaller field of view means that you miss important details.



# FIRM TO *GRIP*

**ERGONOMIC BALANCE.** Taking accurate measurements at long distances requires the utmost steadiness. For this reason the EL Range binoculars are not only light, but also equipped with ergonomically arranged operating features, such as the improved measurement button. This will even allow you to measure distances reliably with just one hand.

**WHAT ARE THE BENEFITS?** Even when observing over long periods, the EL Range binoculars will remain perfectly steady in your hand, enabling you to simply and easily operate them. This ensures comfortable viewing without any feelings of fatigue.



# TAKING COMFORT AND FUNCTIONALITY *ONE STEP FURTHER*

*It is only when you use a product every day that you can actually see how it works. This is why SWAROVSKI OPTIK continually strives to make improvements to the ergonomic design of its products. The new EL Range with the FieldPro package will impress you not only with its long-range optics and functional aspects, but also with its new accessories.*





**SIMPLE AND FLEXIBLE.** The new rotating strap connector adapts perfectly to any movement and can be quickly and silently fitted to your binoculars, thanks to the bayonet catch. The innovative cord fits in seamlessly with the design and does not get twisted.



**PRACTICAL AND ADAPTABLE.** The new quick catch button is both elegant and functional. With a simple turn, the carrying strap can be secured to your ideal length. This means that you can adjust the strap within seconds to the length that feels most comfortable when you are out in the field.



**SAFE AND PROTECTED.** The new objective lens and eyepiece covers are manufactured from the best materials and blend esthetically into the overall design. This means no more lost covers. They also provide your binoculars with the best protection against external impacts.



**DISTINCTIVE AND ACCURATE.** With its particular shape, you can easily feel the new measurement button, even when wearing gloves. The specific pressure point helps you measure the range accurately.





*“To enjoy the experience of hunting in the mountains, you need more than standard long-range optics. This is where the EL Range impresses with crystal-clear optics and the integrated range and angle finder.”*

# RAZOR SHARP

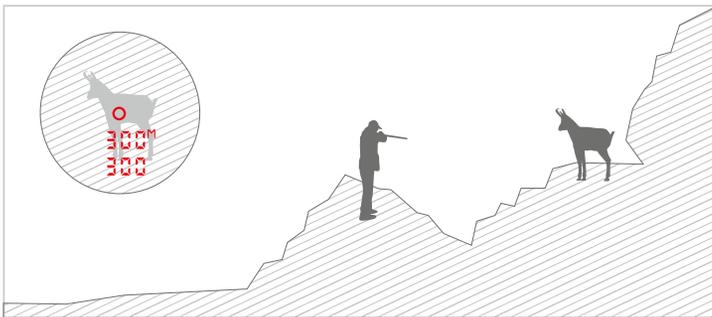
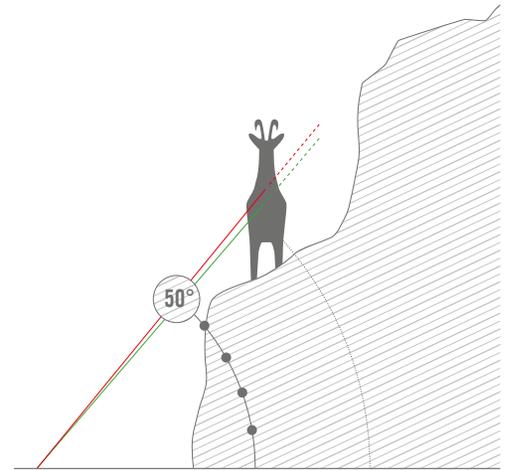
*The EL Range has set a new benchmark for hunters. Thanks to razor-sharp images combined with highly accurate range and angle measurements, you can achieve an accurately placed shot every time.*

**UNCOMPROMISING OBSERVATION** The high image quality and uncompromising transmission produce bright, high-contrast images.

**RANGEFINDER** The EL Range redefines hunting equipment. This device combines the potential of state-of-the-art optics with precise measurement functions.

**SWAROAIM TECHNOLOGY** The integrated tilt indicator with a unique angle shot program displays either the adjusted shooting distance or the angle.

**TIP** Please bear in mind that, at an extreme angle, a clean heart shot isn't necessarily a viable option. If the target is sighted exactly on the heart, the bullet would exit at the dorsal line. In this case, a lower aiming point, suited to the type of game, should be chosen.



Horizontal shot



Shooting at an angle

**SHOOTING AT AN ANGLE** When you shoot at an angle, the gravitational pull does not have such a strong impact on the shot's flight path as in the case of shooting horizontally. This means that the point of impact changes

equally regardless of whether you are shooting uphill or downhill. It is quite common to have to shoot at an angle, not just in the mountains, but also in areas with upland features.



# AN ABSOLUTE JOY TO USE

*EL Range binoculars offer all the functions you need for a successful hunting trip. They are simple to use and you can configure their settings exactly to your requirements.*



#### ONE-OFF MEASUREMENT

A one-off measurement is usually the norm and is particularly suitable for stationary targets.



#### SCAN MODE

The EL Range's scan mode determines the precise distance to a moving object.



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#### CLEAR DISPLAY

Having the measurement units appearing on the display enables you to recognize at a glance which details you are dealing with. You can also activate in the second line of the display, the angle measurement or SWAROAIM function, which shows the adjusted shooting distance for the angle shot.



#### AUTOMATIC BRIGHTNESS ADJUSTMENT

The same function button is used to customize the display's brightness to outdoor conditions.





# TECHNICAL DATA



	EL RANGE 8x42 W B	EL RANGE 10x42 W B
Magnification	8x	10x
Effective objective lens diameter (mm)	42	42
Exit pupil diameter (mm)	5.3	4.2
Exit pupil distance (eye relief) (mm)	19.2	17.3
Field of view (m/1000 m/ft/1000 yds)	137/411	110/330
Field of view (degrees)	7.8	6.3
Field of view for spectacle wearers (degrees)	7.8 = 100%	6.3 = 100%
Field of view, apparent (degrees)	61	61
Shortest focusing distance (m/ft)	5/16.4	5/16.4
Diopter adjustment (dpt)	-7/+5	-7/+5
Light transmission (%)	91	91
Interpupillary distance (mm/in)	56-74/2.2-2.9	56-74/2.2-2.9
Twilight factor based on DIN 58388	18.3	20.5
Length/width/height (mm/in)	166*/137**/81** 6.5*/5.4**/3.2**	160*/137**/81** 6.3*/5.4**/3.2**
Approx. weight without battery (g/oz)	895/31.6	880/31.0
Optical coatings	SWAROBRIGHT, SWAROTOP, SWARODUR, SWAROCLEAN	
Measurement range (m/yds)	30-1,375/33-1,500	
Measurement precision (m/yds)	± 1 m/1 yd	
Measurement time (sec.)	≤ 1	
Measurement function	Scan mode, one-off measurement	
Brightness control	5 individually adjustable brightness levels or automatic environment brightness adjustment	
Angle measurement	± 90°	
Laser	Class 1 EN/FDA	
Conversion	yard/meter	
Battery	CR2	
Service life	1,000 measurements	
SWAROAIM 3 functions	1. OFF – deactivated/no display; 2. Adjusted shooting distance in m or yd; 3. Angle measurement in degrees	
Low battery indicator	Yes	

Functional temperature: -10°C/+55°C (+14°F to +131°F) · Storage temperature: -30°C/+70°C (-22°F to +158°F) · Water tight: submersible to 4 m (13 ft) water depth (inert gas filling)

\* Value with eyecups twisted in · \*\* Dimensions at interpupillary distance of 64 mm (2.5 in) · W = wide angle · B = eyepiece for spectacle wearers

# EL RANGE *AT A GLANCE*



## OPTICS

- high image quality and uncompromising transmission for bright, high-contrast images
- large field of view thanks to wide-angle eyepiece (61°)
- maximum eye relief (more viewing comfort, especially for spectacle wearers)
- lockable diopter correction
- SWAROBRIGHT, SWARODUR, and SWAROTOP coatings optimized for laser technology
- SWAROCLEAN makes it easy to clean stubborn stains such as tree resin and water marks

## MECHANICS

- easy to grip; even the focusing wheel can be operated effortlessly wearing gloves
- twist-in eyecups made from allergy-tested material, individually adjustable to four levels
- dirt- and dustproof
- watertight up to a depth of 4 m
- no fogging due to inert gas filling
- robust, shock-absorbing, non-slip full rubber armoring
- easily accessible battery compartment

## DESIGN

- legendary EL wrap-around grip
- perfect balance, lightest weight in its class
- ergonomic layout of all the operating features
- streamlined shape offers stability and allows use with one hand

## ELECTRONICS

- SWAROAIM angle shot program that can be optionally activated
- small target mark for accurate measurements at long distances
- clearly legible LCD display with five individually adjustable brightness levels
- automatic environment brightness adjustment, optionally activated

## SUPPLIED WITH

- comfort carrying strap pro with pockets for the replacement battery, made of new, improved material to make it more comfortable to carry, a field bag, eyepiece cover, and objective lens cover

## ACCESSORIES

### PA-i5

adapter for iPhone®\*



### BSP

bino suspender pro



### FSSP

floating shoulder strap pro



### WES

winged eyecup set



### BGP

bino guard pro



### CCSP

comfort carrying strap pro



### UTA

universal tripod adapter



### LCSP

lift carrying strap pro



### CS

cleaning set



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