

PRODUCT PROGRAM 2024



KAHLES

SINCE 1898



**We at KAHLES share the passion and professionalism of ambitious shooters and hunters.**

**We passionately support their aspiration to continually enhance performance.**

**We do this with intuitive simple and smart products, which impress with uncompromised focus on the real essentials, based on profound user insight and a wealth of know-how.**



## CONTENT

### RIFLESCOPES

<b>K328i</b> 3.5-28x50i	6
<b>K328i DLR</b> 3.5-28x50i	10
<b>K525i</b> 5-25x56i	12
<b>K525i DLR</b> 5-25x56i	16
<b>K318i</b> 3.5-18x50i	18
<b>K624i</b> 6-24x56i	20
<b>K1050</b> 10-50x56	22
<b>K1050i FT</b> 10-50x56i	24
<b>K18i-2</b> 1-8x24i	26
<b>K18i</b> 1-8x24i	28
<b>K16i</b> 1-6x24i	30
Ballistic Turret	32

### RANGEFINDER

<b>HELIA RF-M</b> 7x25	34
------------------------	----

### ACCESSORIES 36

### LEGEND 38

### RETICLES 40

### TABLES 42

#teamKAHLES

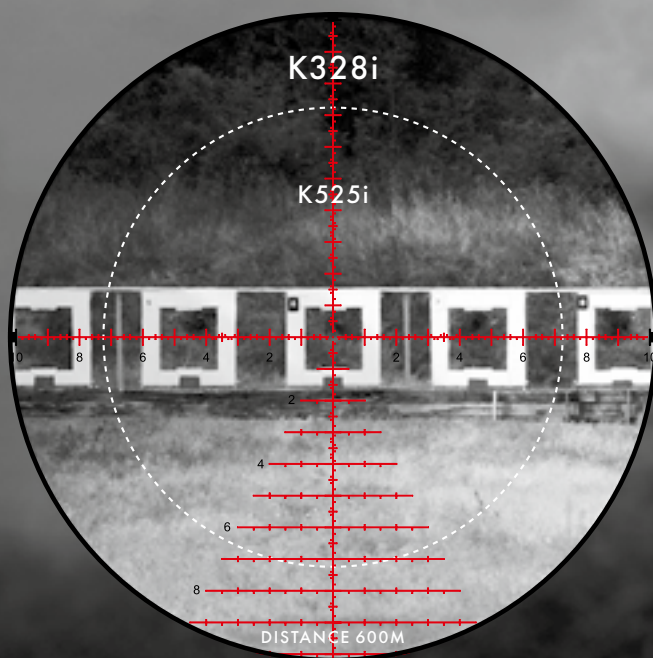
**WORLD FIRST**

# THE NEW ERA OF TACTICAL RIFLESCOPES

**K328i**

3.5-28x50i

The groundbreaking new-generation of optical design of the K328i sets new performance standards with a 40% wider field of view\*, an exceptionally comfortable eyepiece and 8x zoom with perfect optical performance across the entire adjustment range.



**40%**

wider field of view

\*Based on comparison with the K525i at 25x magnification.





# K328i

## THE GAME-CHANGER

The groundbreaking K328i sets new performance standards with a pioneering new-generation optical design. It offers a 40 % wider field of view\*, an exceptionally comfortable eyepiece and 8 x zoom with perfect optical performance across the entire adjustment range.

Absolute precision, repeat accuracy and unique handling for maximum performance.

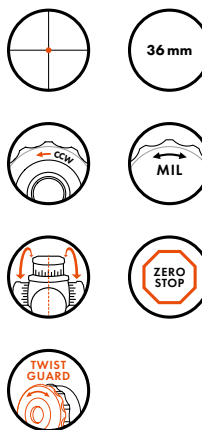


**NEW**  
3.5-28x50i

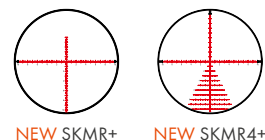
## PRODUCT HIGHLIGHTS

- ◆ Revolutionary optical design with a 40 % wider field of view\* and an exceptional eyepiece
- ◆ 8 x zoom with perfect optical performance over the entire adjustment range
- ◆ Windage adjustment on the left or right with TWIST GUARD rotation protection
- ◆ Patented parallax adjustment integrated in the elevation turret 20 m – ∞ / 22 yds – ∞
- ◆ Absolutely reliable repeat accuracy and clearly defined clicks
- ◆ Precise illuminated reticles in 1<sup>st</sup> focal plane

### FEATURES



### RETICLES



\* Based on comparison with the K525i at 25x magnification.



# K328i DLR

## THE GAME-CHANGER

The groundbreaking K328i sets new performance standards with a pioneering new-generation optical design. It offers a 40 % wider field of view\*, an exceptionally comfortable eyepiece and 8x zoom with perfect optical performance across the entire adjustment range.

With DLR elevation turret optimized specially for **dynamic long-range competitions** with an emphasis on speed.



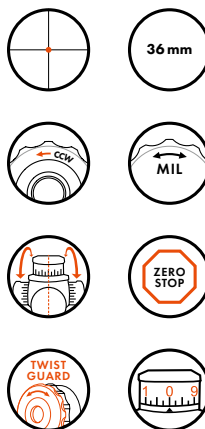
**NEW**

3.5-28x50i DLR

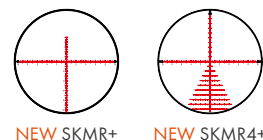
## PRODUCT HIGHLIGHTS

- ◆ Revolutionary optical design with a 40 % wider field of view) and an exceptional eyepiece
- ◆ 8x zoom with perfect optical performance over the entire adjustment range
- ◆ Windage adjustment on the left or right, patented parallax adjustment integrated in the elevation turret
- ◆ 100 clicks per rotation – absolutely reliable repeat accuracy and clearly defined clicks
- ◆ Extra-large turret lettering for easy and fast reading
- ◆ Precise illuminated reticles in 1<sup>st</sup> focal plane

### FEATURES



### RETICLES



\* Based on comparison with the K525i at 25x magnification.





# K525i

## PROFESSIONAL CHOICE FOR HIGHEST DEMANDS

The K525i combines maximum optical performance and precision with unique handling and ergonomics. A rugged riflescope for professionals, with windage optional left or right, precise illuminated reticles in 1<sup>st</sup> focal plane and the unique TWIST GUARD windage.

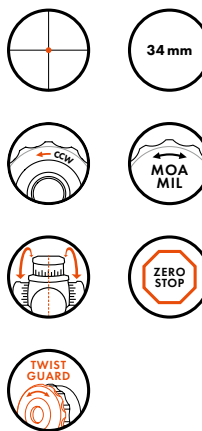


5-25x56i

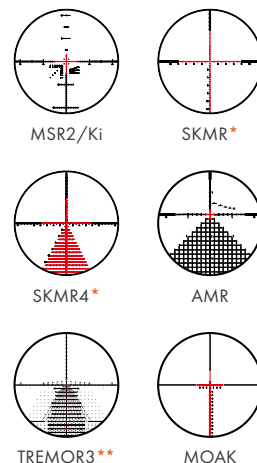
### PRODUCT HIGHLIGHTS

- ◆ Maximum optical performance – field of view, high contrast image, high definition
- ◆ Absolutely reliable repeat accuracy and precise, clearly defined click mechanism
- ◆ Optional left or right side windage
- ◆ Parallax wheel integrated into the elevation turret (patented) 20 m – ∞/22 yds – ∞
- ◆ Innovative TWIST GUARD windage (patented)
- ◆ Precise illuminated reticles in 1<sup>st</sup> focal plane

#### FEATURES



#### RETICLES



\*As stock last \*\* Special order



Parallax wheel integrated into the elevation turret (patented), windage optionally left or right.

## Superior handling and ergonomics thanks to the unique arrangement of operating elements

Due to the unique arrangement, all operating elements can easily and comfortably be operated with the intuitively preferred hand. Without having to reach over the riflescope or having to move out of the shooting position, all relevant information is always in the visual field.

All riflescopes of the K-series have the parallax wheel integrated into the elevation turret. The patented central arrangement on top of the riflescope makes right and left-handed operation equally comfortable.

Ergonomically the windage is perfectly placed on the left side for right-handed shooters and on the right side for left-handed shooters.

## Unique TWIST GUARD windage (patented)



TWIST GUARD windage.

The innovative TWIST GUARD windage with its freely rotating end cover, reliably preventing accidental movement of the windage. This simple solution not only protects the windage from accidental movement, it also allows the shooter fast and unhindered handling of the windage without the need for cumbersome "locking" and "unlocking".

## Maximum precision with the special MOAK reticle and 1/4 MOA click adjustment



MOAK turret with three planes of rotation and indicator pin.

The 1/4 MOA click adjustment and a perfectly designed reticle in the 1<sup>st</sup> focal plane guarantee maximum precision over long distances. The specially designed MOAK turret has a 3<sup>rd</sup> rotational plane and allows simple, precise operation over the entire adjustment range.





# K525i DLR COMPETING ON TOP LEVEL

The K525i combines maximum optical performance and precision with unique handling and ergonomics. The **DLR** variant is optimized for the fast action nature of **Dynamic Long Range** competitions. It features extended field of view, easy to read clicks, extra long throw lever and parallax spinner.

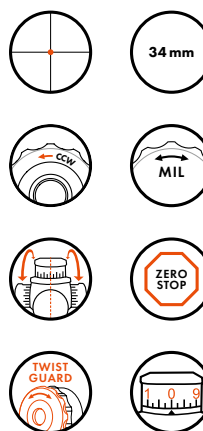


5-25x56i

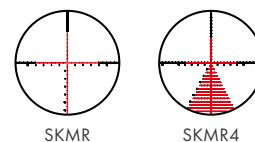
## PRODUCT HIGHLIGHTS

- ◆ Maximum optical performance with extra wide field of view
- ◆ 100 clicks per rotation – absolutely reliable repeat accuracy and clearly defined clicks
- ◆ Extra large turret lettering for easy and fast reading
- ◆ Optional left or right TWIST GUARD windage
- ◆ Special equipment: extra long throw lever & parallax spinner for quick adjustments
- ◆ Precise illuminated reticles in 1<sup>st</sup> focal plane

### FEATURES



### RETICLES





# K318i

## ULTRASHORT PRECISION TOOL

The K318i means optical and mechanical perfection packed into an ultrashort design. With precise illuminated reticles in 1<sup>st</sup> focal plane, sharply defined throughout the entire magnification range and the unique TWIST GUARD windage.

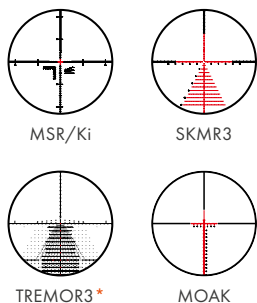


3.5-18x50i

### FEATURES



### RETICLES



## PRODUCT HIGHLIGHTS

- ◆ Ultrashort and lightweight riflescope with wide field of view and high contrast image
- ◆ Absolutely reliable repeat accuracy and precise, clearly defined click mechanism
- ◆ Optional left or right side windage
- ◆ Innovative TWIST GUARD windage (patented)
- ◆ Parallax wheel integrated into the elevation turret (patented) 25 m – ∞ / 27 yds – ∞
- ◆ Precise illuminated reticles in 1<sup>st</sup> focal plane

\* Special order

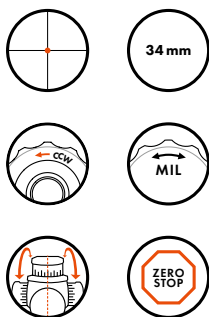


6-24x56i

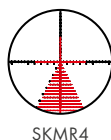
## K624i PROFESSIONAL CHOICE FOR LONG DISTANCES

The K624i sets standards in handling and ergonomics thanks to the unique arrangement of its operating elements. It offers outstanding optical performance, mechanical perfection and the well proven SKMR4 reticle for professionals.

### FEATURES



### RETICLES



SKMR4

### PRODUCT HIGHLIGHTS

- ◆ Wide field of view, exceptionally comfortable eyepiece and high contrast image
- ◆ Precise, clearly defined click mechanism and reliable repeat accuracy
- ◆ Optional left or right side windage
- ◆ Parallax wheel integrated into the elevation turret (patented) 50 m – ∞ / 55 yds – ∞
- ◆ Precise illuminated reticles in 1<sup>st</sup> focal plane



10-50x56

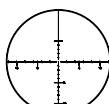
## K1050 COMPETITION SHOOTING WITH EXTREME MAGNIFICATION

The K1050 has been specifically designed to provide optimum precision for competition shooting. Weighing just 31 oz. and only 17 in. long, with its unique parallax adjustment, starting from just 9 yards, it provides unparalleled precision.

### FEATURES



### RETICLES



MOAK

### PRODUCT HIGHLIGHTS

- ◆ Maximum precision for competition shooting
- ◆ Perfect image quality, even at 50 x magnification
- ◆ Parallax wheel integrated into the elevation turret (patented) 8 m – ∞/9 yds – ∞
- ◆ Non-illuminated reticle with fine structure for maximum precision

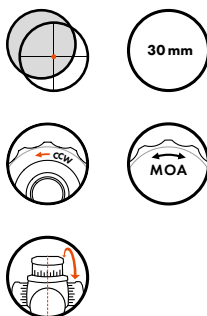


10-50x56i

## K1050i FT FIELD TARGET FOR PERFECTIONISTS

The K1050i FT\* offers a uniquely precise experience. With the special parallax focus ranging from 9 to 66 yards and an illuminated reticle in the 2<sup>nd</sup> focal plane, it has been optimally designed for field target competitions.

### FEATURES



### RETICLES



### PRODUCT HIGHLIGHTS

- ◆ Developed together with professionals for highest precision in field target competitions
- ◆ Perfect image quality, even at 50 x magnification
- ◆ Parallax wheel integrated into the elevation turret (patented) 8 – 60 m / 9 – 66 yds
- ◆ Illuminated reticle with fine structure for maximum precision



# K18i-2

## THE MATCH WINNER – WITH 150 ft FIELD OF VIEW

The unparalleled 150 ft field of view of the K18i-2 sets the standard for IPSC and 3-Gun matches. With 8x zoom, true 1.0x magnification and an extra-bright illuminated reticle with the unique MAX LIGHT function, it is optimized for competition in every detail.

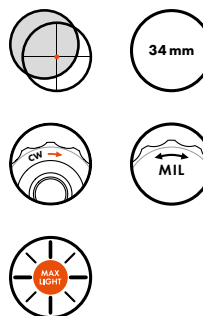


**NEW**  
1-8x24i

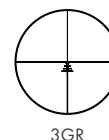
## PRODUCT HIGHLIGHTS

- ◆ Unparalleled 150 ft field of view
- ◆ 8x zoom and true 1.0x magnification
- ◆ 2 sizes of integrated throw lever with freely selectable position
- ◆ Extra-bright day/night illuminated reticles in 2<sup>nd</sup> focal plane with MAX LIGHT function for extreme backlight situations
- ◆ Reticles designed with pro shooters especially for IPSC and 3-Gun

### FEATURES



### RETICLES



### OPTIONAL



\* Special order



# K18i

## THE MATCH WINNER

Optimized for 3-Gun and IPSC matches, the K18i with 8 x zoom features an ultra-wide field of view, specially designed, extra-bright illuminated reticles with unique MAX LIGHT function and an individually adjustable throw lever.

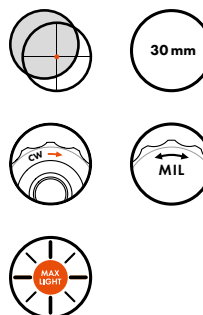


1-8x24i

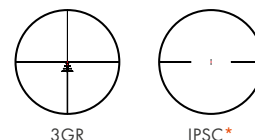
## PRODUCT HIGHLIGHTS

- ◆ Optimized for 3-Gun and IPSC matches
- ◆ Ultra-wide field of view, 8 x zoom and true 1 x magnification
- ◆ Integrated throw levers in 2 alternative sizes with infinitely adjustable positions
- ◆ Extra-bright day/night illumination in 2<sup>nd</sup> focal plane with MAX LIGHT function for extreme backlight situations
- ◆ Special reticles for 3-Gun and IPSC, designed with the support of recognized pro-shooters

### FEATURES



### RETICLES



3GR

IPSC\*

### OPTIONAL



\* Special order





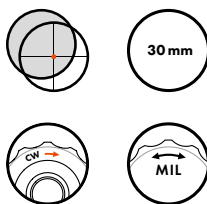
1-6x24i

## K16i

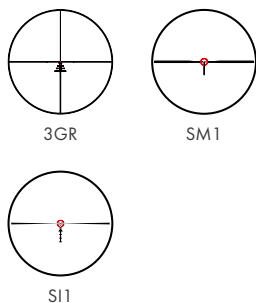
### FAST TARGET ACQUISITION IN TOUGHEST ENVIRONMENTS

The K16i is ideal for acquiring targets within a very short time thanks to its ultra-wide field of view. Shooters benefit from the extra-high nose and the large, easy to use adjustment ring.

#### FEATURES



#### RETICLES



#### OPTIONAL



#### PRODUCT HIGHLIGHTS

- ◆ Sporty riflescope with ultra-wide field of view for fast target acquisition
- ◆ Developed for even the toughest demands
- ◆ Extra bright illuminated reticles in the second focal plane
- ◆ 3GR reticle for 3-Gun and IPSC

\* Special order



# KAHLES BALLISTIC TURRET\*

Practical assistant  
for long-range shots



Ballistic Turret  
(optional)

## Calculate the distance – set – let's go!

The KAHLES ballistic turrets (BT) take the guesswork out of aiming at different shooting distances. They impress with user-friendly operation and individual adjustment to the ballistics.

The K ballistic turrets are available only for riflescopes K16i, K18i and K18i-2.



K ballistics turrets can be mounted by the user in a few simple steps. The clearly identifiable stickers supplied provide the option of adding 100 % precise markings for individual ballistics, which can be changed quickly and easily if required.



\* Special order



# HELIA RF-M

## FAST DISTANCE MEASURING

The compact HELIA RF-M 7x25 offers ergonomic design, intuitive and simple handling and is equipped with a large field of view and relevant hunting features. You are able to measure the distance simple and fast and you can concentrate, during the hunt, on the real essentials.

### PRODUCT HIGHLIGHTS

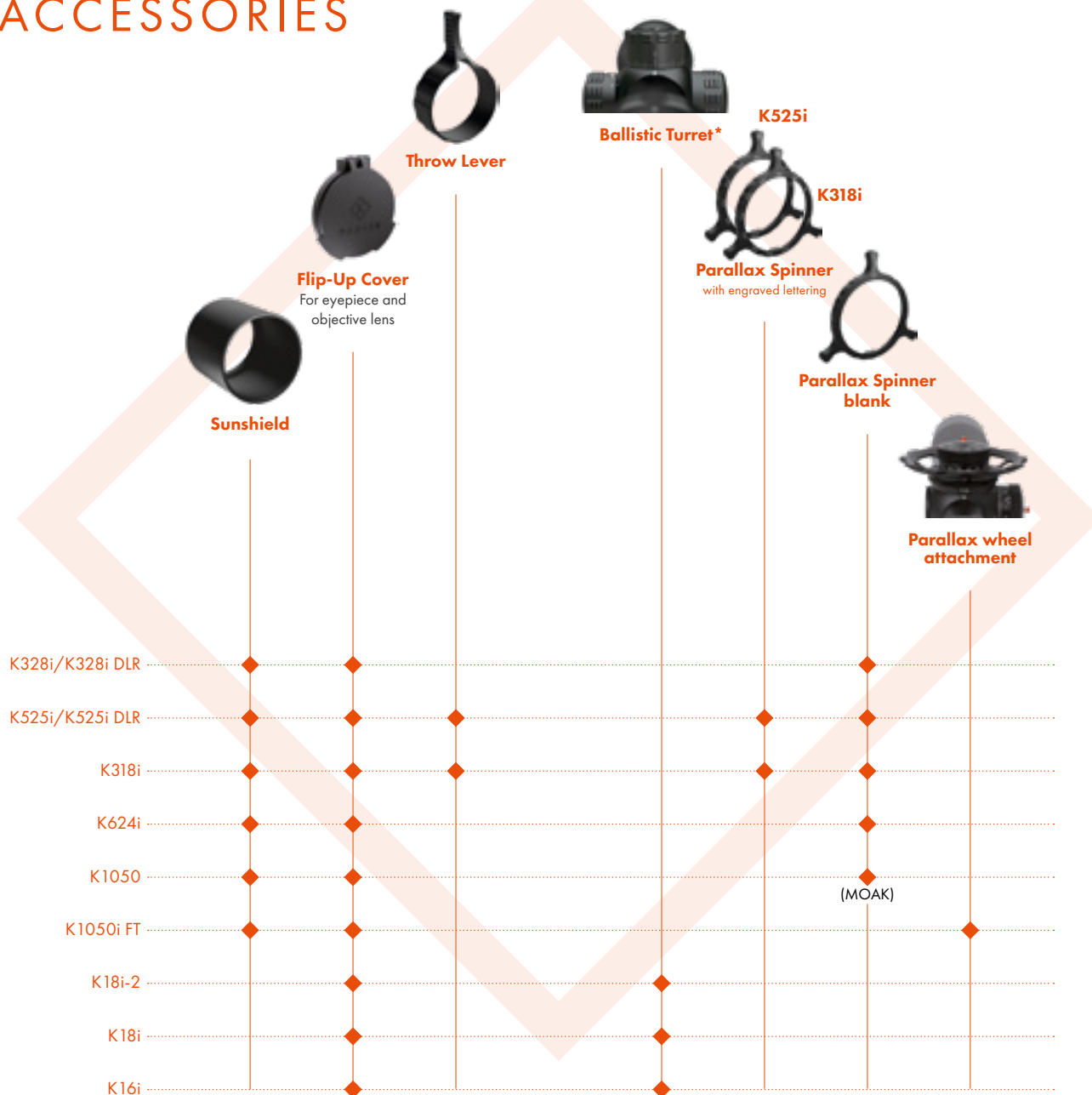
- ◆ Easy and reliable targeting up to 2,000 yds
- ◆ Ergonomical design, intuitive handling, simple menu navigation
- ◆ Exceptional edge to edge clarity and large field of view of 351 ft/ 1,000 yds
- ◆ Premium-quality OLED display with five manual brightness settings and display in yards or meters
- ◆ EAC-function (Enhanced Angle Compensation) for angle correction (patented)
- ◆ Scan mode, temperature- and air pressure measurement
- ◆ Extra long battery lifetime ~ 4,000 measurements

RANGEFINDER  
7x25





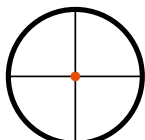
# ACCESSORIES



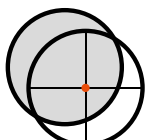
\* Special order



# LEGEND FEATURES



1<sup>st</sup> focal plane



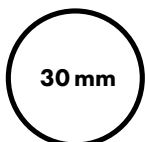
2<sup>nd</sup> focal plane



Windage left



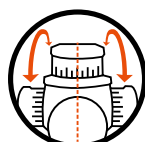
Windage right



Main tube 30 mm



Main tube 34 mm



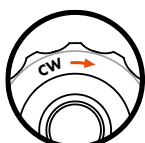
Windage  
left or right



TWIST GUARD  
windage



Main tube 36 mm



Adjustment direction  
CW



Zero Stop



Easy Read



Adjustment direction  
CCW



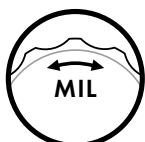
MOA



MAX LIGHT



Ballistic Turret\*  
(optional)



MIL

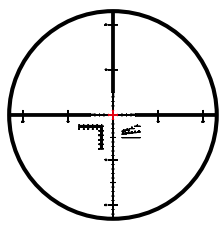


MOA or MIL

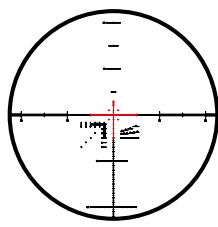
\*Special order



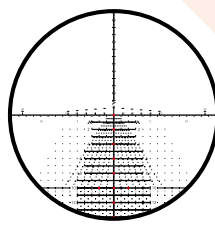
# RETICLES COMPETITION



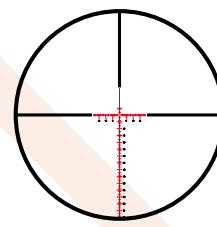
MSR/Ki



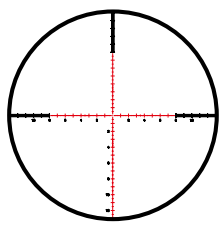
MSR2/Ki



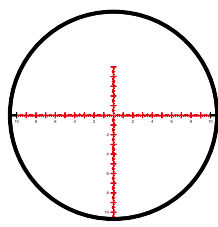
TREMOR3\*



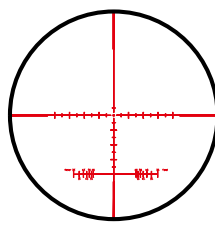
MOAK



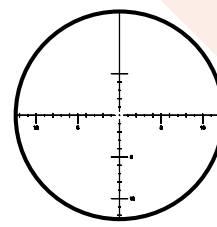
SKMR



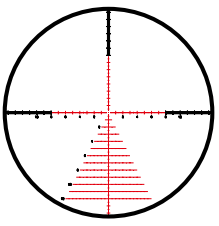
NEW SKMR+



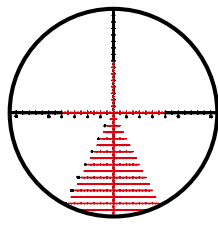
MHR



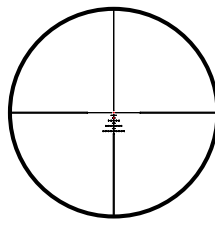
MOAK  
(NON ILLUMINATED)



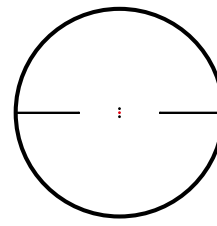
SKMR3



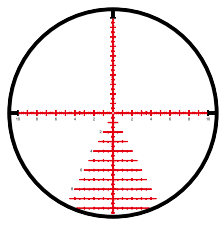
SKMR4



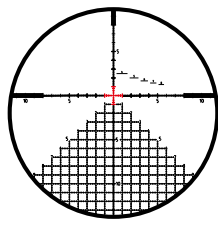
3GR



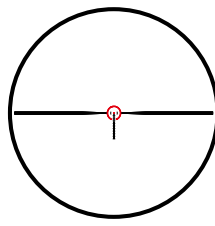
IPSC\*



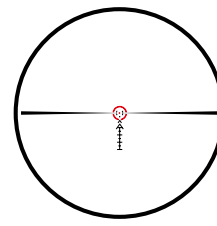
NEW SKMR4+



AMR



SM1



SI1

TABLES  
COMPETITION

Riflescopes	K1050	K1050i FT	K328i DLR	K328i	K525i DLR	K525i	K624i	K318i
Magnification	10-50	10-50	3.5-28	3.5-28	5-25	5-25	6-24	3.5-18
Objective lens diameter (mm)	56	56	50	50	56	56	56	50
Exit pupil diameter (mm)	5.5-1.1	5.5-1.1	1.81-7.4	1.81-7.4	9.5-2.3	9.5-2.3	9.4-2.3	6.9-2.8
Eye relief (in)	3.74	3.74	3.62	3.62	3.74	3.74	3.54	3.62
Field of view (ft/100 yds)	8.7-1.8	8.7-1.8	42.9-5.4	42.9-5.4	23.2-4.9	21.3-4.5	20.4-5.1	27.8-5.5
Diopter compensation (dpt)	+2/-3.5	+2/-3.5	+2/-3	+2/-3	+2/-3.5	+2/-3.5	+2/-3.5	+2.5/-3.5
Twilight factor (DIN 58388)	23.6-52.9	23.6-52.9	13.2-37.4	13.2-37.4	16.7-37.4	16.7-37.4	18.3-36.7	13.2-30.0
Parallax adjustment (m)	8 till ∞	8 till 60	20 till ∞	20 till ∞	20 till ∞	20 till ∞	50 till ∞	25 till ∞
Impact correction per click	1/8 MOA	1/8 MOA	.1 MRAD	.1 MRAD	.1 MRAD	.1 MRAD 1/4 MOA	.1 MRAD	.1 MRAD 1/4 MOA
Adjustment range E/W (in/100 yds)	57.6/43.2	57.6/43.2	122.4/46.8	122.4/46.8	104.4/46.8	104.4/46.8	90/39.6	106/72
Adjustment range E/W (MILS)	16/12	16/12	34/13	34/13	29/13	29/13	25.5/11.25	30/20
Adjustment range E/W (MOA)	55/41.3	55/41.3	114.75/43.9	114.75/43.9	100/45	100/45	86/37.8	102/69
Tube diameter (mm)	30	30	36	36	34	34	34	34
Objective filter thread	M58x0.75	M58x0.75	M52x0.75	M52x0.75	M58x0.75	M58x0.75	M58x0.75	M52x0.75
Length (in)	16.9	16.9	14.2	14.2	14.8	14.8	15.9	12.3
Weight (oz)	31.4	36.7*	36.7	36.7	35.1**	34.2	33.5	33.2
Focal plane	2.	2.	1.	1.	1.	1.	1.	1.
Reticle	MOAK	MHR	SKMR+, SKMR4+	SKMR+, SKMR4+	SKMR SKMR4	MSR2/Ki, SKMR***, SKMR4***, AMR, TREMOR3****, MOAK	SKMR4	MSR/Ki, SKMR3, TREMOR3****, MOAK
Illumination		✓	✓	✓	✓	✓	✓	✓
Adjustment direction	CCW	CCW	CCW	CCW	CCW	CCW	CCW	CCW
Windage	right	right	left/right	left/right	left/right	left/right	left/right	left/right
Zero Stop			✓	✓	✓	✓	✓	✓
TWIST GUARD			✓	✓	✓	✓		✓
MAX LIGHT								
Easy Read			✓		✓			
Ballistic Turret (optional)								
Waterproof	✓	✓	✓	✓	✓	✓	✓	✓

\* Inclusive parallax wheel (4.9 oz)    \*\* Inclusive Parallax Spinner, Throw Lever

\*\*\* As stock last    \*\*\*\* Special order



TABLES  
COMPETITION

Riflescopes

	K18i-2	K18i	K16i
Magnification	1-8	1-8	1-6
Objective lens diameter (mm)	24	24	24
Exit pupil diameter (mm)	8.1-3.0	8.1-3.0	9.6-4.7
Eye relief (in)	3.74	3.74	3.74
Field of view (ft/100 yds)	150.0-18.6	127.5-15.9	126.9-20.1
Dioptr compensation (dpt)	+2/-3	+2/-3	+2/-3.5
Twilight factor (DIN 58388)	2.9-13.9	2.9-13.9	3.1-12.0
Parallax adjustment (m)	100	100	100
Impact correction per click	.1 MRAD	.1 MRAD	.1 MRAD
Adjustment range E/W (in/100 yds)	86.4/86.4	86.4/86.4	79.2/79.2
Adjustment range E/W (MILS)	24/24	24/24	22/22
Adjustment range E/W (MOA)	82.5/82.5	82.5/82.5	75.6/75.6
Tube diameter (mm)	34	30	30
Objective filter thread	M30x0.75	M27x0.75	M27x0.75
Length (in)	11.81	11.81	10.9
Weight (oz)	22.5	19.6	16.9
Focal plane	2.	2.	2.
Reticle	3GR	3GR, IPSC*	3GR, SM1, SI1
Illumination	✓	✓	✓
Adjustment direction	CW	CW	CW
Windage			
Zero Stop			
TWIST GUARD			
MAX LIGHT	✓	✓	
Easy Read			
Ballistic Turret (optional)	✓*	✓*	✓*
Waterproof	✓	✓	✓

\*Special order

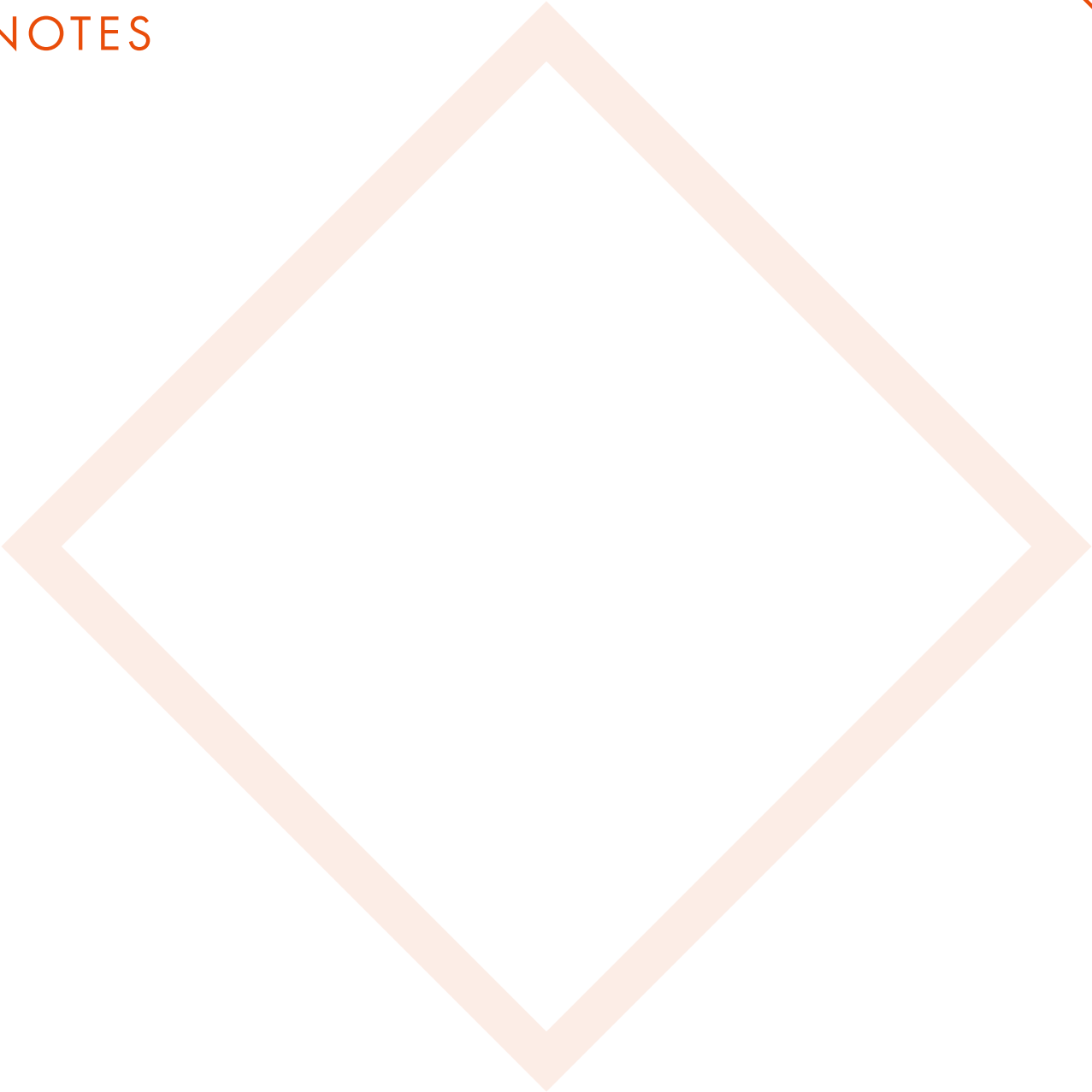
TABLE  
RANGEFINDER

HELIA RF-M  
7x25

Magnification	7
Objective lens diameter (mm)	25
Eye relief (in)	0.59
Field of view (ft/1,000 yds)	351
Field of view (°)	6.7
Field of view apparent (°)	46.9
Exit pupil diameter (mm)	3.6
Dioptr compensation (dpt)	+/-4
Height x Width x Depth (in)	3.03 x 1.50 x 3.66
Weight (oz)	7.76
Waterproof	✓
Close focus (yds)	10
Twilight factor (ISO 14132-1)	13.2
Measurement range (yds)	10-2,000
Range-finding accuracy (yds)	+/-1 up to 100 +/-2 up to 1,000 +/-0.5% over 1,000
Measurement duration (s)	1
Brightness levels	5
Laser category	1M
m/yds display	✓
Scan measurement	✓
Angle correction	✓
Temperature measurement	✓
Air pressure measurement	✓
Battery life (measurement cycles)	4,000
Displaytype	OLED
Laser category	1M



# NOTES





Please place retailer stamp here



**Please visit us on our website**

Subject to technical changes. Pricing subject to change without notice.  
For more details please visit our website.

Copyright © 2023 KAHLES. All rights reserved.  
KAHLES and the "K" logo are registered and trademarks of KAHLES Gesellschaft m.b.H.

SWAROVSKI OPTIK NORTH AMERICA | 2 Slater Road | Cranston, RI | USA  
T 800-436-3089 | [info-us@swarovskioptik.com](mailto:info-us@swarovskioptik.com) | [kahles.at](http://kahles.at)