

# HELIA 42 RF

COMFORTABLY EASY AND RELIABLE



K A H L E S

The lightweight and ergonomic HELIA 42 RF perfectly combines brilliant optics with reliable targeting up to 1,500 m on common hunting targets (deer, tree). It stands out for intuitive simple handling and useful hunting features like patented EAC (Enhanced Angle Compensation) and scan mode.

## PRODUCT HIGHLIGHTS

- Easy and reliable targeting up to 1,500 m on common hunting targets
- Intuitive simple menu navigation
- Patented EAC-function (Enhanced Angle Compensation) for angle correction
- Long-range (LR) function for ranging easy to detect targets up to 4,500 m
- Premium-quality OLED display with five manual brightness settings and display in meter or yards
- Scan Mode, temperature and air pressure display
- Extra long battery lifetime ~ 4,000 measurements

## TECHNICAL DATA

HELIA 42 RF	8x42	10x42
Magnification	8	10
Objective lens diameter (mm)	42	42
Eye relief (mm)	18	16
Exit pupil diameter (mm)	5,3	4,2
Pupil distance (mm)	58 - 73	58 - 73
Twilight factor (ISO 14132-1)	18,3	20,5
Field of view (m/1.000m)	122	107
Field of view (°)	7,0	6,1
Field of view apparent (°)	56	61
Near focus (m)	5	5
Diopter compensation (dpt)	± 4	± 4
Measure range - standard (m)	5 - 1.500	5 - 1.500
Measure range - LR (m) easy to measure targets	up to 4.500	up to 4.500
Range-finding accuracy (m)	+/- 1 up to 100 +/- 2 up to 1.000 +/- 0,5% over 1.000	+/- 1 up to 100 +/- 2 up to 1.000 +/- 0,5% over 1.000
Display type	OLED	OLED
Brightness levels	5	5
Measurement duration	1 s	1 s
Display Auto-off	5 s	5 s
Adjustment position twist-in eye cups	4	4
Waterproof (nitrogen filling)	√	√
Height x Width x Depth approximately (mm)	145 x 132 x 73	145 x 132 x 73
Weight (g)	900	900
m/yds display	√	√
Laser category	1M	1M
Single measurement	√	√

Scan measurement	√	√
Angle correction	EAC-Function	EAC-Function
LR measurement	√	√
Temperature measurement	√	√
Air pressure measurement	√	√
Battery type	CR2 Lithium (3V DC)	CR2 Lithium (3V DC)
Battery lifetime	~ 4.000 range cycles	~ 4.000 range cycles
Guarantee	10 years	10 years
Guarantee electronics	2 years	2 years
Operating temperature mechanical (°C)	-10 / +55	-10 / +55
Operating temperature electrical (°C)	-10 / +55	-10 / +55
Accessories (inclusive)	Ocular and objective cover, Carrying strap with quick release fastener	Ocular and objective cover, Carrying strap with quick release fastener