

HELIA TI+

RADICALLY EASY DETECTING



TI 35+ / TI 18+

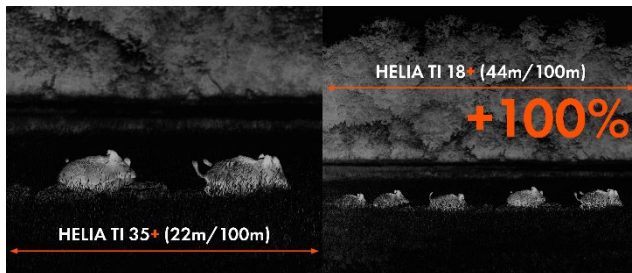


KAHLES

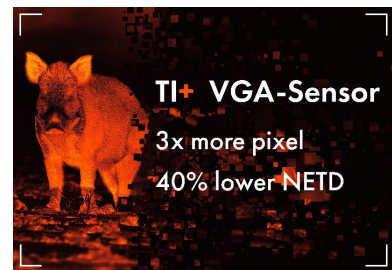
In every detail, HELIA TI+ thermal imaging devices are radically optimised for hunting. They combine intuitive, user-friendly handling with excellent imaging performance and an Exceptionally large field of view. Not a button too many and none in the wrong place. Uncompromisingly simple and quick detection at day and night.

The new TI+ models are equipped with latest generation high-resolution 12µm VGA sensors. **3x more pixels*** and **40% more sensitivity* (NETD <20 mK)** produce a high-contrast image with unsurpassed detail recognition.

TI 18+ Fast detection with an Exceptionally large field of view of 44 m/100 m



TI 35+ Reliable identification with outstanding detail recognition and 2x to 16x magnification



*in comparison with standard QVGA sensors

PRODUCT HIGHLIGHTS

- ◆ Radically simple and intuitive – with only 2 control buttons
- ◆ High-contrast image with unsurpassed detail recognition
- ◆ Exceptionally large field of view of up to 44 m/100 m
- ◆ Intelligent automatic switch-on/-off display with tilt and motion sensor
- ◆ Ready to use in just a few seconds
- ◆ Drop-proof, waterproof and ready for use in extreme temperatures
- ◆ Long battery life – even at -20 degrees Celsius
- ◆ Ergonomic, roll-proof design and perfectly placed controls

TECHNICAL DATA

HELIA TI	35+	18+
Objective lens	35,0 mm, F1.0	17,5 mm, F1.0
Sensor resolution (pixels)	640x512; 12 µm	
Sensor type	Vanadium oxide uncooled focal plane arrays	
Thermal sensitivity - NETD (mK)	<20	
Display resolution (pixels)	1.024x768	
Display frame rate (Hz)	50	
Display type	OLED	
Field of view (°)	12,5x10,0	25,0x20,0
Field of view (m/100m)	22	44
Field of view (ft/100yds)	66	132
Field of view apparent (°)	25,0x18,7	
Optical magnification	2,0	1,0
Digital zoom	1x, 2x, 4x, 8x	
Detection (m)*	2479	1275
Recognition (m)**	826	425
Identification (m)***	413	213
Focus	Manual	
Diopter compensation (dpt)	+4/-4	
Battery type	Rechargeable lithium-ion	
Battery life (h)	up to 6	
Operating temperature (°C)	-20/+50	
Length x Width x Height (mm)	198x68x63	
Weight (g)	430	
Waterproof	✓	
Automatic light (automatic display switch on-/-off)	✓	
Colour modes	White Hot, Black Hot, Red Only	
Warranty	3 years	
Accessories (included)	Objective lens cover Carrying strap with quick release fastener Neoprene protective cover USB-C charging cable	

* Detection distance 1,7 x 0,5 / 2px (m) | ** Recognition distance 1,7 x 0,5 / 6px (m) | *** Identification distance 1,7 x 0,5 / 12px (m)