

Press release

Guntramsdorf, February 2023



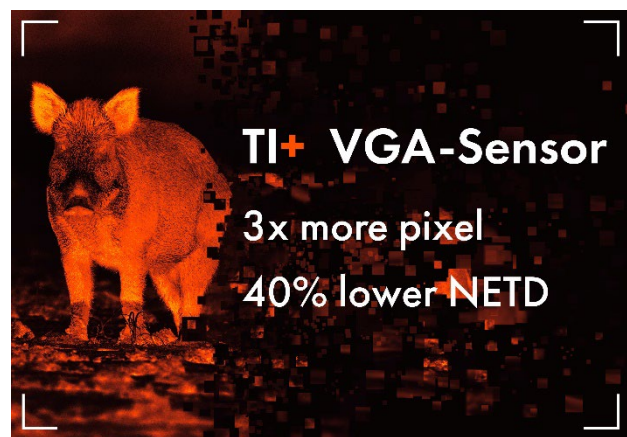
NEW HELIA TI+

RADICALLY EASY DETECTING

with latest generation high-resolution sensors

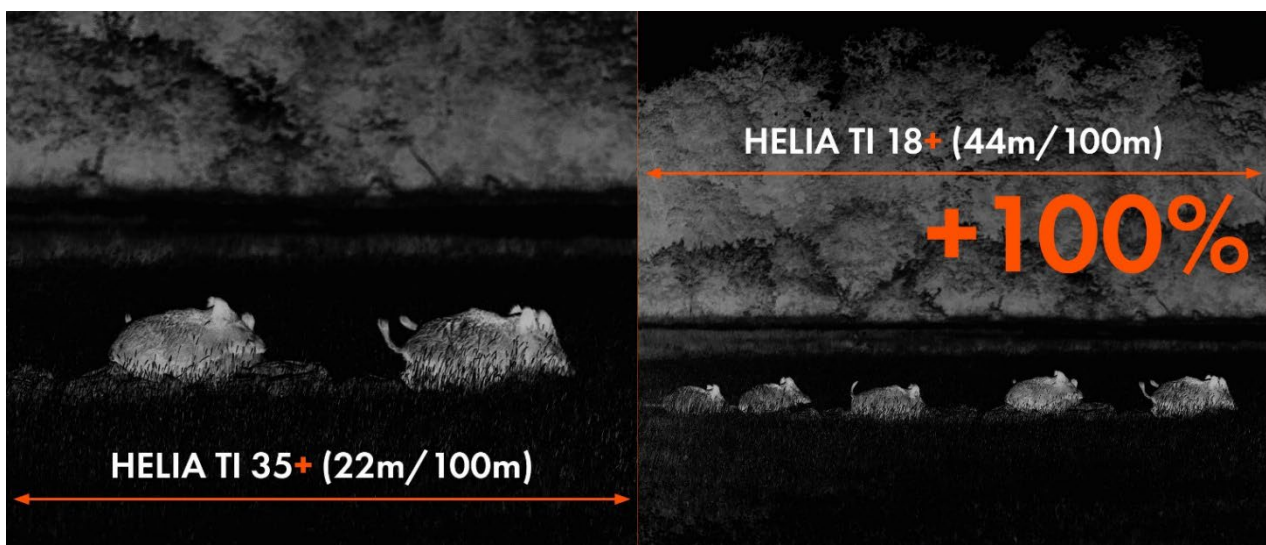
To stay at the cutting edge of hunting technology, you need to continuously adapt and develop both hunting strategies and equipment.

The new HELIA TI 18+/35+ models are equipped with latest generation high-resolution 12µm VGA sensors and offer 3x more pixels* and 40% more sensitivity (NETD <20 mK)*.



* in comparison with standard QVGA sensors

This new technology enables, on the one hand, a high-contrast image with unsurpassed detail recognition and, on the other, an exceptionally large field of view.



Josef Kampfer, Head of Public Relations

KAHLES Gesellschaft m.b.H

Danfoss-Strasse 5, 2353 Guntramsdorf | Austria | +43 (0) 664 2353504 | j.kampfer@kahles.at | kahles.at

Press release

Guntramsdorf, February 2023



Two sophisticated, latest generation thermal imaging devices to help you concentrate on the absolute essentials. For the user, this means not a button too many and none in the wrong place.



HELIA TI 18+

with an extremely wide field of view of 44 m/100 m

A low optical magnification of 1.0 and state-of-the-art technology allow an extremely wide, high-contrast field of view of 44 m/100 m for rapid detection of heat sources. Ideal for quickly scanning large areas and forming a comprehensive overview.

HELIA TI 35+ with ultra-high detail resolution

Ultra-high imaging and detail resolution together with 2x optical magnification are ideal to reliably identify game and relevant details.



With just two ergonomically located buttons on the top, the devices offer ideal intuitive operation. A very clear menu with only five sub-items can be used to adjust settings individually, such as contrast, brightness, Automaticlight and image sharpness calibration. Fast settings relevant for hunting such as colour modes (White Hot, Black Hot, Red Only) and digital zoom (1x, 2x, 4x, 8x) can be selected directly using the two buttons rather than having to open an additional menu.

The special housing design has been developed to allow easy, ergonomic operation and effortless observation. In addition, the housing shape intuitively supports the correct handling of the device and prevents rolling when placed on a surface. The armouring is easy to grip and controls such as buttons and wheels are perfectly placed. The housing is drop-proof and waterproof and can even be used in extreme temperatures from -20 up to +50 degrees Celsius.

Both devices have high-resolution 1024 x 768px OLED displays for sharp, high-contrast viewing of images from the sensor and integrated rechargeable lithium-ion batteries.

Josef Kampfer, Head of Public Relations

KAHLES Gesellschaft m.b.H

Danfoss-Strasse 5, 2353 Guntramsdorf | Austria | +43 (0) 664 2353504 | j.kampfer@kahles.at | kahles.at

Press release

Guntramsdorf, February 2023



We know that quick reactions are often essential when hunting. The HELIA TI+ devices are therefore ready to use in just a few seconds.

The intelligent display uses a tilt and motion sensor to automatically switch itself on and off, known as “Automaticlight”, which avoids any distracting light output from the display and allows immediate reactivation without having to press a button. This function also contributes to efficient energy management for the devices, allowing a long battery life even at -20 degrees Celsius.

All components used as well as the accessories supplied are radically optimised for hunting and built to last. A three-year warranty and the usual high service standards from KAHLES ensure quick and competent assistance if required.

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 (Automaticlight)
- ♦ 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

The new HELIA TI+ thermal imaging devices complement the existing HELIA TI product portfolio and will be available from May at specialist retailers for around € 2,950.

High-resolution images are available in the [newsroom](#) on our website.

Josef Kampfer, Head of Public Relations

KAHLES Gesellschaft m.b.H

Danfoss-Straße 5, 2353 Guntramsdorf | Austria | +43 (0) 664 2353504 | j.kampfer@kahles.at | kahles.at



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	
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	✓	
Automaticlight (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	

Josef Kampfer, Head of Public Relations

KAHLES Gesellschaft m.b.H

Danfoss-Straße 5, 2353 Guntramsdorf | Austria | +43 (0) 664 2353504 | j.kampfer@kahles.at | kahles.at