



YOUR CLEAR
VISION.

PRODUCT CATALOGUE

CONTENT

05

ABOUT US

08

VIPER 35

10

VIPER 50 NEXT

12

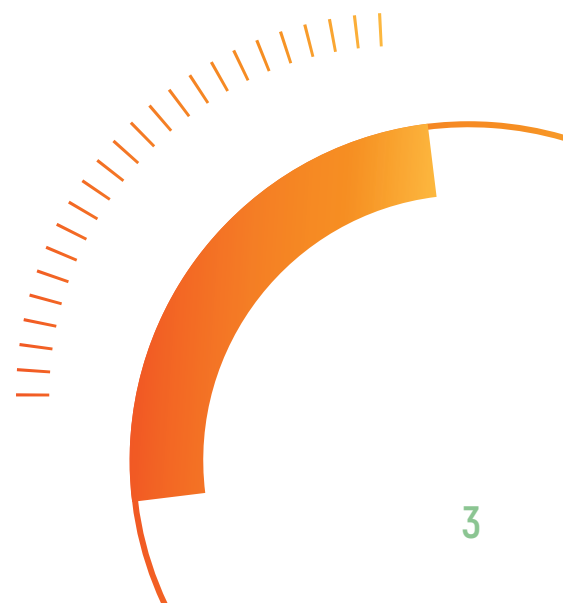
GECKO 35

14

BOOMSLANG

17

JOIN A
COMMUNITY
OF OUTDOOR
ENTHUSIASTS





YOUR CLEAR VISION.

Nitehog develops, manufactures, and distributes state-of-the-art multi-purpose thermal imaging devices that focus on precision, resilience, reliability, and uncompromised quality.



WHO WE ARE

The instinct to chase lies deep into our human essence.

You can see its glimpse when a photographer searches for the perfect shot, or when the mountaineer pursues the beauty of nature. But that instinct shines best when the hunter is after their prey.

Rules change dramatically at night. Your pulse accelerates. Your breath slows down. You are all alone. And you realize you need something to sharpen your senses and replace gloom with light.

Whether in the brightest day or the darkest night, when you are following your instincts at the face of nature, there's room for no mistakes. Precision, accuracy, and technology are an absolute must. You need a crystal-clear view of your surroundings. You need an edge to improve your sight.

To feel the freedom of pursuing your instincts.

To find yourself.

**This is Nitehog.
Your clear vision.**



P. Hünig

Time is the most valuable asset we have. Every moment is precious and we at Nitehog want to help you keep it as an unforgettable experience. Because you deserve the best and that is our daily goal!

This is what our family and the entire team at Nitehog stand for with enthusiasm, with courage for innovation in development, experience, competence in manufacturing, and uncompromising quality of thermal imaging optics on the first class!





EUROPEAN AUTHENTICITY CREATED BY PRACTITIONERS

We create the Nitehog products with genuine care and unmatched insight.

Why? Because each and every one on our team – an engineer, an operator, a manager – is not only passionate about nature and hunting but has also turned their passion into a profession. That inner drive brings out the best in us. It helps us meet the high expectations we set ourselves to deliver outstanding products.

Simply, it all starts with a great idea we take to heart. Our R&D engineers combine their expertise to create a product more authentic than any other. Then, we let our closest partners test it and we fuse their experiences into the initial design to polish the product even further.

And we only trust ourselves about making it. Our development and production engineers make each component in-house. They ensure delivery with uncompromised precision and attention to the very last detail by following numerous international standards. Then, our quality assurance team takes over to perform rigorous testing on every product.

And as soon as we know everything is precisely as it should be, we deliver to you a product that sharpens your senses and encourages you to maximize your outdoor experiences.

VIPER 35

CLIP-ON

Viper 35 is the smallest, lightest, and most compact thermal imaging device in its class, that easily attaches to any rifle scope to ensure your clear vision under any circumstance.



FEATURES

- The lightest and most compact clip-on in its class
- Up to 1380 m detection range
- Uncompromised precision in the impact point repeatability
- Ultra-low profile
- High-end electronics (A-Core 320) for optimal performance
- 12 μ m thermal imaging detector
- Sophisticated germanium objective lens
- Magnesium alloy housing
- No additional magnifier needed
- Replaceable battery that lasts up to 5 hours

APPLICATIONS



HUNTING



NIGHT PHOTO SHOOTING



PEST CONTROL



WITH DAILY OPTICAL SYSTEM
(in difficult observation conditions)

TECHNICAL SPECIFICATIONS

Micro bolometer	
Micro bolometer	uncooled
Resolution, pixels	320x240
Pixel size, um	12
Frame refresh rate, Hz	60
Optical Specifications	
Objective Lens	F35
iFOV (Instantaneous field of view)	0.34
Digital zoom, x	2/4
Detection Range, m	1380
(Target size:1.7m×0.5m, P(n)=99%)	
Display	
Type	OLED
Resolution, pixels	1024x768
Operational Specifications	
Battery type	18650
Max. battery life (t=25°C) *, h	5
Dimensions	130x58x45 mm
Weight, kg without battery	0.254
IP code	IP66
Start up	< 5 sec.
Operation temperature, °C	-20+50

VIPER 50 NEXT

CLIP-ON

Viper 50 Next is the small and light thermal imaging device that ensures your clear vision and uncompromising precision under any circumstance.



FEATURES

- Small and light
- Long detection range
- Uncompromised precision
- 12 μ m thermal imaging detector
- High-quality, detailed image
- OLED display
- AUTO BPR algorithm
- Two types of automatic contrast
- Adaptive Sharpening filter
- Stand by function
- Two-position rotary switch button
- Replaceable battery

APPLICATIONS



HUNTING



SPORT SHOOTING AND
LAW ENFORCEMENT



PEST CONTROL



COMPATIBLE WITH
ALL OPTICAL SIGHT

TECHNICAL SPECIFICATIONS

Micro bolometer	
Micro bolometer	uncooled
Resolution, pixels	320x240
Pixel size, um	12
Frame refresh rate, Hz	60
Optical Specifications	
Objective Lens	F50
iFOV	0.24
Magnification	1x optical, 2x4x digital
Detection Range, m	2160
(Target size: 1.80x0.50m, P(n)=99%)	
Display	
Type	OLED
Resolution, pixels	1024x768
Operational Specifications	
Battery type	18650
Max. battery life (t=25°C) *, h	5
Dimensions	157x54x71 mm
Weight, kg without battery	0.295
IP code	IP66
Start up	< 5 sec.
Operation temperature, °C	-20+50

GECKO 35

PRO LRF

Gecko 35 is a compact and lightweight thermal vision spotting device with an integrated laser rangefinder that provides wide detection range and ultra-clear vision in any circumstance.



FEATURES

- Integrated Laser Rangefinder (Class 1M)
- 12 μ m thermal imaging detector for high image quality
- OLED display (with display off function)
- Long detection distance
- Ultra-clear mode for harsh weather conditions
- Cool hue and warm hue for selection
- 32GB built-in memory with support for photo and video recording
- Support for APP connection via Wi-Fi
- Built-in digital compass and motion sensor
- Replaceable battery pack
- Convenient user interface

APPLICATIONS



**OUTDOOR SPORTS
ACTIVITIES**



**NATURE
PRESERVATION**



**CIVIL OBSERVATION
AND SECURITY**



FIRST-CALL SERVICES

TECHNICAL SPECIFICATIONS

Micro bolometer	
Micro bolometer	uncooled
Resolution, pixels	640x512
Pixel size, um	12
Sensor NETD, mK	35
Frame refresh rate, Hz	50
Optical Specifications	
Objective Lens	F35/1.0
Field of view, m/100m	22.08
Optical magnification, x	3.4-13.6
Digital zoom, x	1/1.5/2/2.5/3/3.5/4
Minimum focusing distance, m	1
Focusing range of eyepiece (dioptrre)	-5D~+5D
Detection Range, m (Target size:1.7m×0.5m, P(n)=99%)	1818
Display	
Type	OLED
Resolution, pixels	1024x768
Operational Specifications	
Battery type	Li-ion battery pack
Max. battery life (t=25°C) *, h	6
Laser rangefinder range, m	800±1
Amount of built-in memory, GB	32
APP compatibility	Support
Dimension, mm	160x90x50
Weight, g	400
IP code	IP67
Operation temperature °C	-20+50

BOOMSLANG

THERMAL IMAGING SIGHT

Boomslang provides ultra-detailed image under various outdoor conditions, and with its 60mm focal length it also ensures incredible detection range. Thanks to its recording capabilities, all outdoor experiences can be easily shot and shared at any time.



FEATURES

- 12 μ m thermal imaging detector
- Ultra-detailed image
- 60 mm focal length
- Long detection range
- Pictures, Video and Audio recording
- Picture-in-Picture
- Recoil Activated Video
- Live streaming via Wi-Fi
- Nitehog Smart LRF compatible via Bluetooth
- Support APP connection via Wi-Fi
- User-updatable firmware

APPLICATIONS



HUNTING




PEST CONTROL

TECHNICAL SPECIFICATIONS

Micro bolometer	
Micro bolometer	uncooled
Resolution, pixels	640x480
Pixel size, um	12
Frame refresh rate, Hz	60
Optical Specifications	
Objective Lens	F60
iFOV	0.20
Field of view, m/100m	13
Optical magnification, x	3.2
Digital zoom, x	2/4
Detection Range, m	2372
(Target size:1.7m×0.5m, P(n)=99%)	
Display	
Type	OLED
Resolution, pixels	1024x768
Operational Specifications	
Battery type	18650
Max. battery life (t=25°C) *, h	6
IP code	IP66
Start up	< 5 sec.
Operation temperature, °C	-20+50

JOIN A COMMUNITY OF OUTDOOR ENTHUSIASTS

A man with a beard, wearing a camouflage cap, a dark jacket, and a patterned neck gaiter, is sitting in a forest. He is holding a thermal imaging device to his eye. To his left, a rifle is leaning against a tree trunk. The background is a dense forest with sunlight filtering through the trees.

Thermal-imaging devices, which can be used at both night and day, are a hot trend in the leisure industry that includes over 150 million people worldwide. 20 million of them are avid hunters, who account for a growing market valued at 40 billion USD in 2019. Nitehog gives customers the products needed to enhance their outdoors experiences, while providing distributors with the marketing support required to enter that ever-growing community.

BECOME PART OF OUR FAMILY

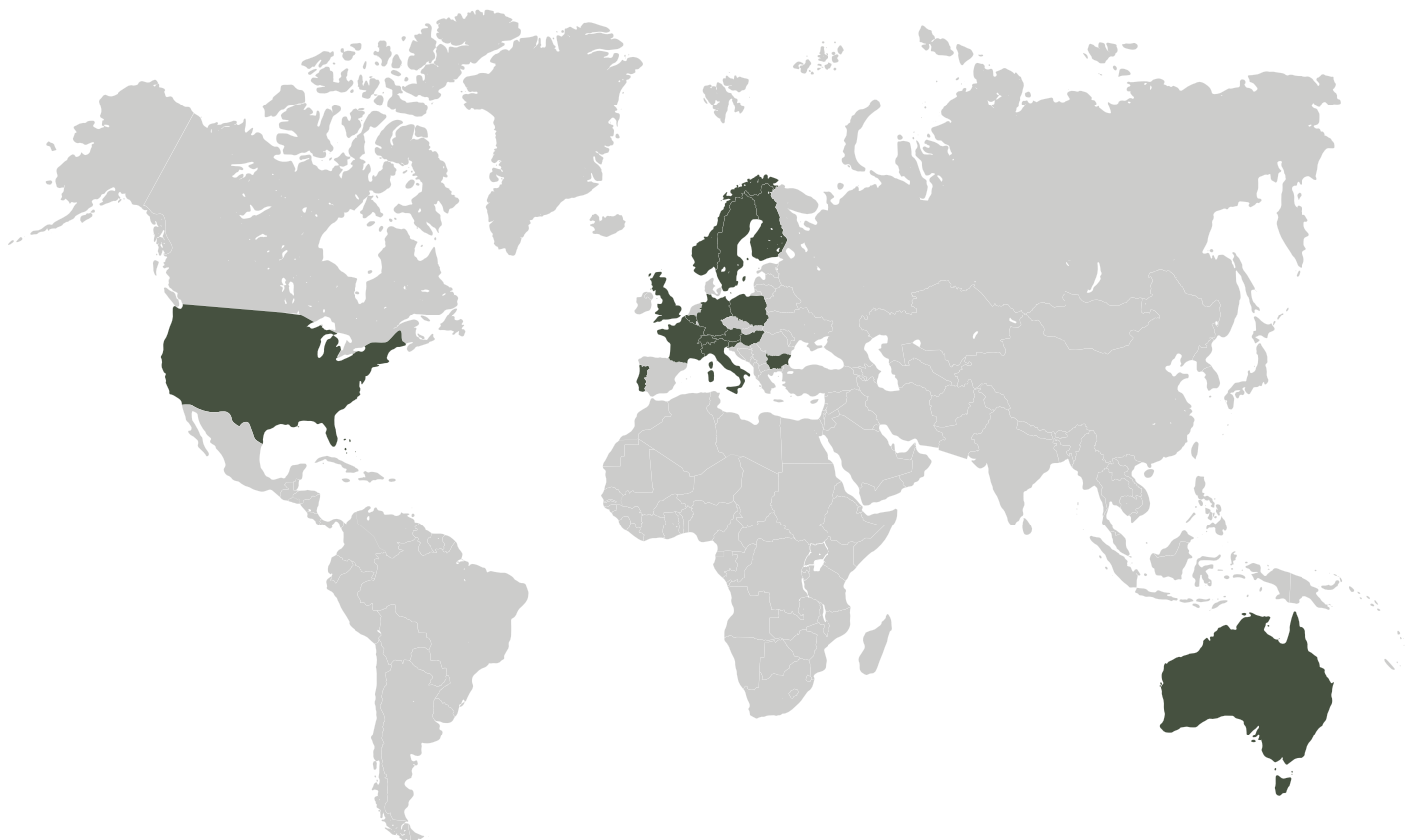
When it comes to the outdoor hobby industry, the Nitehog products improve experiences and amplify emotions of people everywhere.

We aspire to enable more hunters, enthusiasts, photographers, and mountaineers to pursue their freedom in nature by providing the best and most precise optical solutions. And we want to involve you in the process, while we invest our knowledge, know-how and marketing expertise to help you grow your own business.

By joining our partner network, you become part of a growing community of companies that strive for success based on excellent customer satisfaction, comprehensive service support, sustainable marketing training and more opportunities for business expansion.

WHY BECOME AN AUTHORIZED NITEHOG PARTNER

- Gain access to our pool of business know-how, market insight and impeccable product range
- Get strong marketing support with dozens of print materials, digital content, and other tools to improve the relationships with your clients
- Receive full-service support to help you improve customer satisfaction
- Have the ability to work closely with our product managers and be involved in our R&D process
- Get a transparent and credible partner, who is ready to help you build a sustainable business



VISIT WWW.NITEHOG.COM TO LEARN MORE



CONTACT US:

NITEHOG EUROPE GMBH

Address: Pistoriusstrasse 6A, 13086 Berlin, Germany

E: office@nitehog.eu **T:** +49 (0) 30 / 9606 670 220 **F:** +49 (0) 30 / 9606 670 229

www.nitehog.com

NITEHOG USA LLC

Mailing Address: PO Box 16001, Tampa, FL 33687-6001

Office Location: 8602 Temple Terrace Hwy, Unit D21, Temple Terrace, FL 33637

E: info@nitehogusa.com **T:** +1.813.970.8071 **F:** +1.813.899.1110

www.nitehogusa.com

