



2025 NITEHOG's PRODUCT LINE

Presented by Nitehog



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CLIP-ON VIPER GEN2

02

CLIP-ON VIPER LITE

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CLIP-ON VIPER 50 NEXT

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**THERMAL SIGHT
PREDATOR**

05

**THERMAL SIGHT
BOOMSLANG**

06

**GECKO 35 PRO
SPOTTER**

06

PYTHON SPOTTER

VIPER 35 GEN 2

HUNTER



TAC



Sensor

- Uncooled Vox
- 640x512@12 μ m
- NETD < 15mk
- 60Hz Frame rate

Display

- 0.39" OLED
- 1024X768

Lens

- 35 mm focal length
- F1.1
- FOV: 17.6 M/100M

Battery

- External battery 1x18650
- ≥ 5 hrs operation time



Size

- 140x70x46mm
- Thread: M33.5x0.75

Housing

- Magnesium alloy
- $\leq 330\text{g}$ without battery

Wi-Fi

- Built-in Wi-Fi
- Support video/photo/Bluetooth
- 64GB

Functions

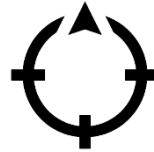
- 7 palettes
- Startup time < 6s
- Support hotspot Tracking
- Support online upgrade via APP





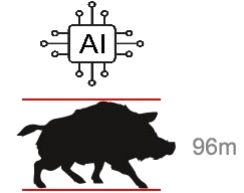
Media capabilities

Snapshot, video REC, live stream, sharing content on the social channels



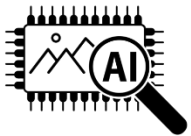
Target Lock

Lock and indicate the shooting direction using a compass



AI SRF

Algorithm for automatic determination of the distance to the target



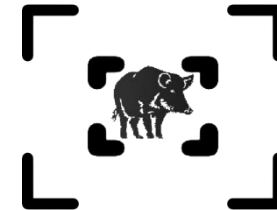
AI scenes adapting

Automatic switching among three scene types based on the panorama histogram



Advanced alignment features

Ability to save three alignment profiles for three optical sights



Hot target track

Marking and tracking a registered hot object within the field of view

VIPER 35 LITE

VIPER LITE



Sensor

- Uncooled Vox
- 320x240@12 μ m
- NETD<35mk
- 60Hz Frame rate

Display

- 0.39" OLED
- 1024X768

Lens

- 35 mm focal length
- F1.2
- FOV: 11 M/100M

Battery

- External battery 1x18650
- ≥ 5 hrs operation time



Size

- 130x58x45mm
- Thread: M33.5x0.75

Housing

- Magnesium alloy
- $\leq 245\text{g}$ without battery

On the field

- Uncompromising precision
- Ultra-low profile
- No magnifier needed

Functions

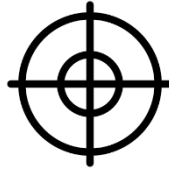
- 4 palettes
- Startup time < 4s
- Auto Bad Pixel Correction
- Two Scene type





UP TO 1380 M

Detection range for target
1.80x0.50 m



UNCOMPROMISING PRECISION

Tested and guaranteed by our
specialists



NO MAGNIFIER NEEDED

In observation mode



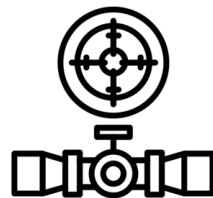
LIGHT EQUIPMENT

Only 254 grams



EXTENDED BATTERY LIFE

Up to 5 hours of battery life
with 18650 battery



ULTRA-LOW PROFILE

quickly, easily, and seamlessly
mounted



OPTIMAL PERFORMANCE

At all weather conditions

VIPER 50 NEXT

**VIPER50
NEXT**



Sensor

- Uncooled Vox
- 320x240@12 μ m
- NETD<35mk
- 60Hz Frame rate

Display

- 0.39" OLED
- 1024X768

Lens

- 50 mm focal length
- F1.2
- FOV: 7 M/100M

Battery

- External battery 1x18650
- ≥ 5 hrs operation time



Size

- 157x71x54mm
- Thread: M33.5x0.75

Housing

- Magnesium alloy
- $\leq 295\text{g}$ without battery

On the field

- Uncompromising precision
- Ultra-low profile
- No magnifier needed

Functions

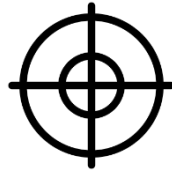
- 7 palettes
- Startup time < 4s
- Auto Bad Pixel Correction
- Two Scene type





UP TO 2160 M

Detection range for target
1.80x0.50 m



UNCOMPROMISING PRECISION

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NO MAGNIFIER NEEDED

In observation mode



ROTARY SWITCH

Easy operating with
gloves



EXTENDED BATTERY LIFE

Viper has up to 5 hours of
battery life with 18650
battery



ULTRA DETAILED IMAGE

50 mm focal length



OPTIMAL PERFORMANCE

At all weather conditions

THERMAL SIGHTS

PREDATOR



34 mm tube

BOOMSLANG



ZM/VM base

Sensor

- Uncooled Vox
- 640x480@12μm
- NETD<35mk
- 60Hz Frame rate

Display

- 0.39" OLED
- 1024X768

Lens

- 60 mm focal length
- F1.2
- FOV: 13 M/100M

Battery

- 6 hrs operation time with an additional external battery 18650



Size

- 372x62x87mm/ 950 gr ZM/VM
- 385x95x75mm/ 920 gr Tube

Housing

- ZM/VM base
- 34 mm Tube housing

Wi-Fi

- Built-in Wi-Fi
- Support video/photo/Bluetooth
- 32GB

Functions

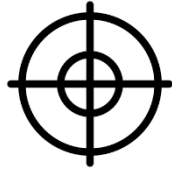
- 7 palettes
- Two programmable buttons
- Support APP functionalities





UP TO 2372 M

Detection range for target
1.80x0.50 m



UNCOMPROMISING PRECISION

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ULTRA DETAILED IMAGE

60 mm focal length



ROTARY SWITCH

Easy operating with
gloves



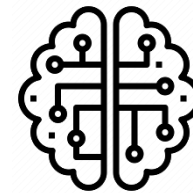
EXTENDED BATTERY LIFE

Up to 6 hours of battery life



5 SHOOTING PROFILES

5 zeroing distances each



INTELLIGENT FEATURES

Adaptive contrast
Automatic BPR
Smart ballistic



MEDIA FEATURES

Mobile App control

GECKO SPOTTER

GECKO 35 PRO



Sensor

- Uncooled Vox
- 640x512@12 μ m
- NETD<25mk
- 50Hz Frame rate

Display

- 1024X768

Lens

- 35 mm focal length
- F1.0
- FOV: 22.08 m/100m

Battery

- ≥ 6 hrs operation time



Size

- 160x90x50mm
- ≤ 400g

LRF

- up to 800 m
- ± 1 m precision

On the field

- IP67
- Ultra-low profile
- No magnifier needed

Functions

- 7 palettes
- Startup time < 6s
- Auto Bad Pixel Correction
- Two Scene type





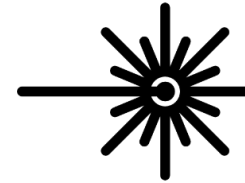
UP TO 1820 M

Detection range for target
1.80x0.50 m



UNCOMPROMISING QUALITY

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LRF UP TO 800 M

Distance measuring with
an accuracy of ± 1 m



WATER RESISTANCE

IP 67 certification



EXTENDED BATTERY LIFE

Up to 6 hours of battery life



ULTRA DETAILED IMAGE

Enhanced Image
Processing



OPTIMAL PERFORMANCE

At all weather conditions

PYTHON SPOTTER

PYTHON 19



Sensor

- Uncooled Vox
- 320x240@12 μ m
- NETD<35mk
- 60Hz Frame rate

Display

- 0.39" OLED
- 1024X768

Lens

- 19 mm focal length
- F1.2
- FOV: 21 M/100M

Battery

- External battery 1x18650
- ≥ 5 hrs operation time



Size

- 136x68x47mm
- ≤ 296g without battery

Housing

- Magnesium alloy
- Pocket size

On the field

- Uncompromising quality
- Competitive price
- User friendly UI

Functions

- 4 palettes
- Startup time < 5s
- Sharpening filter for more details
- Two types of auto-contrasting





UP TO 780 M

Detection range for target
1.80x0.50 m



UNCOMPROMISING QUALITY

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LIGHT EQUIPMENT

Only 296 grams



WATER RESISTANCE

IP 66 certification



EXTENDED BATTERY LIFE

Up to 5 hours of battery life



DETAILED IMAGE

Enhanced Image
Processing



OPTIMAL PERFORMANCE

At all weather conditions

THANK YOU

YOUR CLEAR VISION.

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