



NIGHTRIDE

KEEPING PUBLIC SAFETY SAFE

**PRODUCT
CATALOG**



THERMAL VISION FIT FOR A HERO'S FLEET

NightRide offers high-resolution thermal imaging purpose-built for mounting on first responder vehicles. No matter which model you choose, you can count on NightRide's rugged casing and intuitive controls to be ready to go wherever and whenever you need it.





WITH HEADLIGHTS



WITH NIGHTRIDE



WITH HEADLIGHTS



WITH NIGHTRIDE

- Public safety thermal solutions fully vetted by first response professionals
- Portable + permanent mounting options
- Rugged, all-weather construction
- Automatic or event recorded video
- Streams to phone, tablet, laptop or monitor
- Stand alone or vehicle router installation
- Enables discreet, yet full situational awareness

A close-up photograph of a black NightRide PRO-SL spotlight mounted on a vehicle. The spotlight is circular with a clear lens and contains several LED chips. The background is a blurred scene of a road at dusk or dawn, with utility poles and a car's roof visible.

PRO-SL

FEATURES

- Unity S04/S14 Spotlight Mount
- Cables included
- Wi-Fi or Ethernet connection
- Fixed focus
- Mechanical Pan/Tilt
- Always recording / Event recording

BENEFITS

NightRide PRO-SL provides a distinct and discreet advantage - sensing heat signatures up to 1/4 mile down the road through dust, smoke, rain, snow, or fog. Whether engaging in enforcement, search and rescue, firefighting or emergency management, NightRide PRO-SL provides critical seconds to prepare and react in any situation.

	PRO-SL	PRO-SL 640
Sealed Design	IP67	
Power Consumption	4-6W	
Power Requirement	12-16 VDC	
Operating Temperature	-40°F - +140°F	
Lens	13MM	
Resolution	384 x 288 uncooled microbolometer	640 x 512 uncooled microbolometer
Lens Heater	Yes	
Field of View	28° (H)	
Frames per Sec	25hz	
Sensor Pixel Size	17 micron	12 micron
Color Palettes	Black, white, green, rainbow	
Visibility	480 yards	660 yards
Digital Zoom	1x, 2x, 4x, 8x	
Object Focus Range	20 feet to infinity	
Focusing Mechanism	Fixed	



SENTINEL

FEATURES

- Permanently Mounted
- Fender, Roof, Lightbar Mounting
- Wi-Fi or Ethernet connection
- Fixed focus
- Remote controlled 360° pan
- Always recording / Event recording

BENEFITS

When every second counts and lives are on the line, first responders need every tool possible to enhance their operational performance and keep them safe.

With 360 degree panning, the Sentinel provides full situational awareness, even in complete darkness and severe weather, making it your all-seeing eye.

	SENTINEL	SENTINEL 640
Vehicle Specific Mounts	Yes Yes	
Mounting	Light bar / Roof / Fender	
360° Pan	Yes	
Sealed Design	IP69	
Power Consumption	4W max	
Power Requirement	12-16 VDC	
Operating Temperature	-40°F - +140°F	
Lens	13MM	
Resolution	384 x 288 uncooled microbolometer	640 x 512 uncooled microbolometer
Lens Heater	Yes	
Field of View	28° (H)	
Frames per Sec	25hz	
Sensor Pixel Size	17 micron	12 micron
Color Palettes	Black, white, green, rainbow	
Visibility	480 yards	660 yards
Digital Zoom	1x, 2x, 4x, 8x	
Object Focus Range	20 feet to infinity	
Focusing Mechanism	Fixed	



FEATURES

- Remote controlled pan + tilt
- Wi-Fi or Ethernet connection
- Magnet/Suction mount for quick and easy rooftop mounting
- Automatically captures video displayed on phone, tablet, or computer

BENEFITS

High resolution thermal camera with 360° remote control. Detect people, animals, and objects up to 1 mile down the road in darkness, rain, snow, fog or smoke.

Detect people, animals, and objects on the road in darkness, rain, snow, fog, or smoke.

	360 384 - 13 mm	360 384 - 19 mm	360 384 - 35 mm	360/360 Plus 640-19mm	360/360 Plus 640-35mm
Vehicle Specific Mounts	No				
Mounting	Magnet/Suction				
Pan/Tilt	Remote Control				
Sealed Design	IP67				
Power Consumption	3w				
Power Requirement	12-16 VDC				
Operating Temperature	-40F to +140F				
Lens	13mm	19mm	35mm	19mm	35mm
Resolution	384 x 288 Uncooled Microbolometer			640 x 512 Uncooled Microbolometer	
Lens Heater	Yes				
Field of View	28° (H)	19° (H)	10° (H)	23° (H)	12° (H)
Frames Per Sec	25hz				
Sensor Pixel Size	17 Micron			12 Micron	
Color Palettes	Black, white, green, rainbow				
Visibility	480 Yards	660 Yards	1200 Yards	960 Yards	1750 Yards
Digital Zoom	1x, 2x, 4x, 8x				
Object Focus Range	20 ft. to infinity	35 ft. to infinity	150 ft. to infinity	35 ft. to infinity	150 ft. to infinity
Focusing Mechanism	Fixed				



TRAILBLAZER



Seen here on Grille Mount



Seen here on Hood Mount

FEATURES

- Vehicle Hood Mount Included
- Grille Mountable
- Wi-Fi or Ethernet connection to display
- Portable with auxiliary battery pack (Not Included)
- Easy install
- Always recording / Event recording

BENEFITS

The NightRide Trailblazer is a small, lightweight infrared camera, providing a view up to 1/4 mile down the road through dust, rain, snow, fog, smoke, and complete darkness.

Installation is accomplished easily on any vehicle or using a GoPro mount, attach to a helmet, handle, or tripod (auxiliary battery cable and power bank not included).

	STANDARD	HIGH RES
Vehicle Specific Mounts	No	
Mounting	Hood/ Grille/GoPro compatible	
Pan/Tilt	None	
Sealed Design	IP69	
Power Consumption	4W max	
Power Requirement	12-16 VDC	
Operating Temperature	-40°F - +140°F	
Lens	13MM	
Resolution	384 x 288 uncooled microbolometer	640 x 512 uncooled microbolometer
Lens Heater	Yes	
Field of View	28° (H)	
Frames per Sec	25hz	
Sensor Pixel Size	17 micron	12 micron
Color Palettes	Black, white, green, rainbow	
Visibility	480 yards	660 yards
Digital Zoom	1x, 2x, 4x, 8x	
Object Focus Range	20 feet to infinity	
Focusing Mechanism	Fixed	



NIGHTRIDE

CONTACT

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ABOUT US

NightRide manufactures and sells vehicle mounted thermal cameras for professional, commercial, and consumer use.

We are a woman owned small business proudly manufacturing and providing jobs in the US.



2024 Coolest Thing Made in NY Award



ISO 9001



2023 Best of Jupiter Award



U.S. General Services Administration Advantage

**CAGE CODE:
8H6L4**