

## **KEY TERMS**

#### **NETD**

This stands for Noise Equivalent Temperature Difference. This is one of the most important technical specifications for any thermal device. NETD is the minimum detectable temperature difference in the environment. This is measured in milli-Kelvin (mK). A thermal device which is capable of detecting extremely small temperature differences will "see" more in all circumstances, and where thermal contrast between the background and the target is small. A better NETD value will provide for better range performance over longer distances. The smaller the NETD rating, the more sensitive the device is. Example - a 20mK NETD is more sensitive than a 35mK NETD rating.

#### LUX

Night vision sensors are measured in lux, which is a unit of illumination equal to 1 lumen per square meter. The smaller the lux rating, the more sensitive the device is in darkness. Example: .001lux is more sensitive than .01lux.

#### **IP67**

IP stands for International Protection or Ingress Protection. IP is an international rating system that indicates the level that a product is protected from water and dust. The rating is made up of two numbers, with the first number indicating protection from dust and the second indicating protection from water. An IP67 rating means that the device is 100% protected against dirt and dust and can withstand submersion in up to 3ft of water for up to 30 minutes.

#### **Pixel Pitch**

This is a measurement of the distance between the pixels of the digital image. The unit of measure is commonly referred to as a micron. Industry standards are  $17\mu m$  and  $12\mu m$ , with  $12\mu m$  being the highest performance. All PARD devices are  $12\mu m$  devices.

#### Field of View

Field of view (FOV) is the area or range that can be seen at any given moment, when looking through the device. FOV is impacted by focal length (lens diameter) and sensor resolution.

#### Eye Relief

Eye relief is the distance between the eye and the eyepiece of the device. Getting the correct eye relief is important to avoid a distorted image, such as a fuzzy image or a black ring around the field of view. Its also important to avoid getting too close to the scope, which could result in the scope hitting your eye from the recoil of a shot.

#### Frame Rate (Hz)

The number of times a display is refreshed, usually measured in hertz (Hz). A higher refresh rate produces smoother looking movement.

#### **IREA**

Infrared Image Enhancement Algorithm - This is a proprietary technology used by PARD that effectively improves image detail by digitally correcting any distortion and enhancing contrast.

## **KEY TERMS**

#### Resolution

There are several resolutions that you should be aware of. They include:

- ◆ Sensor Resolution is usually expressed as two numbers, such as 640x512, which indicate the number of pixels vertically and horizontally. Higher resolution sensors provide more clarity and observation capabilities. A 384x288 sensor will have 110,592 pixels while a 640x512 sensor will have 327,680 pixels.
- Display Display resolution is the number of pixels a device can show in each dimension. Its
  usually written as two numbers, such as 1920 x 1080, which means the screen can display
  1,920 pixels horizontally and 1,080 pixels vertically.
- Video Video resolution refers to the number of pixels in a video and is measured by the number of pixel points in a specific area. A higher number of pixels indicates a higher resolution video, and a lower number of pixels indicates a lower resolution video. The resolution of a video affects how clear it is, and also determines the file size.
- Photo Photo resolution refers to the level of detail in an image. A higher resolution means more pixels, which results in a clearer, sharper image with more detail.

### Magnification

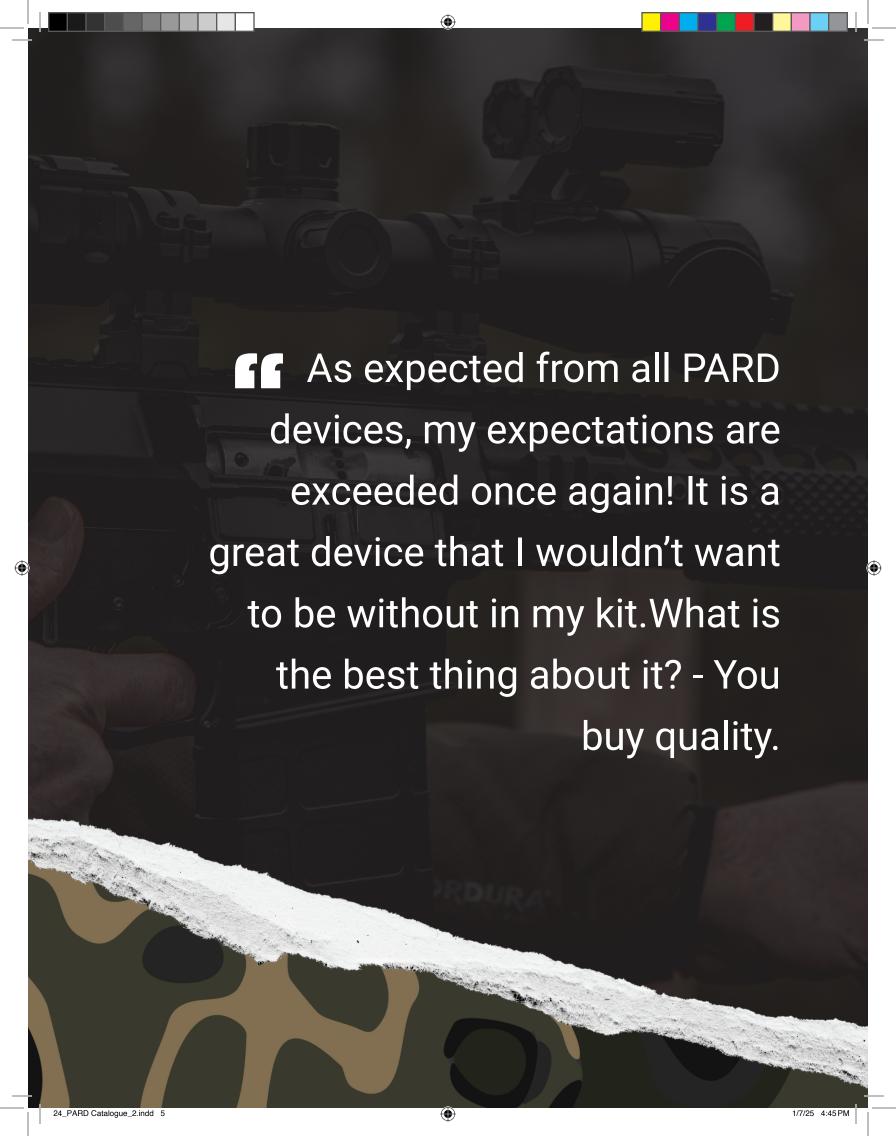
**Optical** - This is sometimes referred to as "base magnification" and sets the baseline for zoom and clarity. It uses the devices physical lens to change the focal length before the image is captured. This method maintains image quality at different magnifications. Optical zoom is a feature of the device's hardware and impacts field of view. Larger base magnifications will have narrower field of view, but higher magnification.

**Digital -** Think of DIGITAL ZOOM (x) as photo-processing software built into your PARD device. By enlarging pixels in the center of the image and cropping out the rest, DIGITAL ZOOM (x) gives the appearance of magnifying the subject.

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## NEW

### NIGHTSTALKER 4K 100MM CONVENTIONAL SCOPE









NIGHT VISION DIGITAL ZOOM, OPTICAL ZOOM

FRAME RATE

WI-FI CONNECTION





UPC	850050408666
MSRP	\$999.00
SENSOR RESOLUTION	3840x2160
PIXEL SIZE (μm)	2
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	30
OBJECTIVE LENS	100
OPTICAL ZOOM (x)	8
DIGITAL ZOOM (x)	2/3/4
FIELD OF VIEW	2.3° Horizontal 2.3° Vertical 3.2° Diagonal
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
COLOR MODES	Color/Mono BW/Mono Green/Mono Yellow
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	1440x1080
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	5
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000i
HOUSING	Aluminium Alloy
OBJECTIVE LENS	GLASS
WEIGHT WITH BATTERY (g)	770g





## NEW

## **NV007V2**









PHOTO RESOLUTION

LIGHTWEIGHT





UPC	850050408925
MSRP	\$499.00
SENSOR RESOLUTION	2560x1440
PIXEL SIZE (μm)	2.9
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	60(Color)/30(B&W)
OBJECTIVE LENS	14.5
OPTICAL ZOOM (x)	1.4x
DIGITAL ZOOM (x)	1.5-3.5X
FIELD OF VIEW	22° Horizontal
	16° Vertical
	27° Diagonal
EYE RELIEF (MM)	25
DISPLAY RESOLUTION	1440x1080
COLOR MODES	Color/Black&white
PHOTO RESOLUTION	2592x1944
VIDEO RESOLUTION	1440x1080
STORAGE	Micro SD card (Max.
	128GB)
LRF DETECTION DISTANCE (m/yd)	N/A
BALLISTIC CALCULATOR	NO
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850/940
COMPASS/GYROSCOPE	NO
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion 18650
OPERATING TIME (hrs)	8
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-13°F-104°F
RECOIL RESISTANCE (j)	6000j
HOUSING	AL6061 & Composite
OBJECTIVE LENS	GLASS
N.W/PCS WITH LRF&BATTERY (g)	275g/229g







## LEOPARD 256











WI-FI CONNECTION



UPC	850050408888
MSRP	\$649.00
SENSOR RESOLUTION	256x192
NETD	≤25mK
PIXEL SIZE (µm)	12x12
FRAME RATE (Hz)	50
OBJECTIVE LENS	11/16
OPTICAL ZOOM (x)	2x/2.9x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	15.9°/11° Horizontal
	12°/8.2°Vertical
	19.8°/13.7° Diagonal
EYE RELIEF (MM)	20
DISPLAY RESOLUTION	1024x768
COLOR MODES	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1024x768
VIDEO RESOLUTION	1024x768
STORAGE	Built-in EMMC (32 GB)
LRF DETECTION DISTANCE (m/yd)	N/A
BALLISTIC CALCULATOR	NO
PIP MODE	YES
SELF-ACTIVATED RECORDING	NO
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	NO
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion 18650
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-13°F-104°F
HOUSING	Composite material
N.W/PCS WITH BATTERY, (g)	300g

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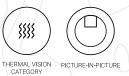




## NEW

# SPHINX 640 THERMAL SCOPE









WI-FI CONNECTION



UPC	850050408888
MSRP	\$2,999.00
SENSOR RESOLUTION	640x512
NETD	≤20mK
PIXEL SIZE (µm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	2.5x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	12.5 ° Horizontal
	10 ° Vertical
	16° Diagonal
DISPLAY RESOLUTION	1280x720
RETICLE STYLES	6
RETICLE COLORS	(Red/White/Yellow/Green)
COLOR MODES	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1280x720
VIDEO RESOLUTION	1280x720
STORAGE	Micro SD (128GB)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion 18650
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminum Alloy
N.W/PCS WITH BATTERY (g)	610g







## OCELOT 256 THERMAL SCOPE









THERMAL VISION PICTURE-IN-PICTURE CATEGORY





UPC	850050408680
MSRP	\$799.00
SENSOR RESOLUTION	256x192
NETD	≤25mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	25/50
OPTICAL ZOOM (x)	1.3x/2.5x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	14.0°/7.0°
Vertical	14.0°/7.0°
Diagonal	19.8°/9.9°
EYE RELIEF (MM)	100
RETICLE STYLES	6
RETICLE COLORS	(Red/White/Yellow/Green
DISPLAY RESOLUTION	800x800
COLOR MODES	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	768x768
STORAGE	Micro SD (128GB)
LRF DETECTION DISTANCE (m/yd)	N/A
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion 21700x1
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminum Alloy
WEIGHT WITHOUT BATTERY (g)	709g





### NEW

# PANTERA 2.0 75mm THERMAL SCOPE









THERMAL VISION PICTURE-IN-PICTURE CATEGORY

**OPERATING TEMP (F)** RECOIL RESISTANCE (j)

WEIGHT WITHOUT BATTERY (g)

OBJECTIVE LENS

HOUSING

LIDO	050050400400
UPC	850050408192
MSRP	\$5,499.00
SENSOR RESOLUTION	640x512
NETD	≤15mk
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	75
OPTICAL ZOOM (x)	3.8x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	4.7°
Vertical	4.7°
Diagonal	6.6°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLESS	6
RETICLE COLORS	Red/white/yellow/green
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	768x768
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
	1
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	5
WEATHER PROOF RATING	IP67

-22°F-131°F

**ALL GLASS** 

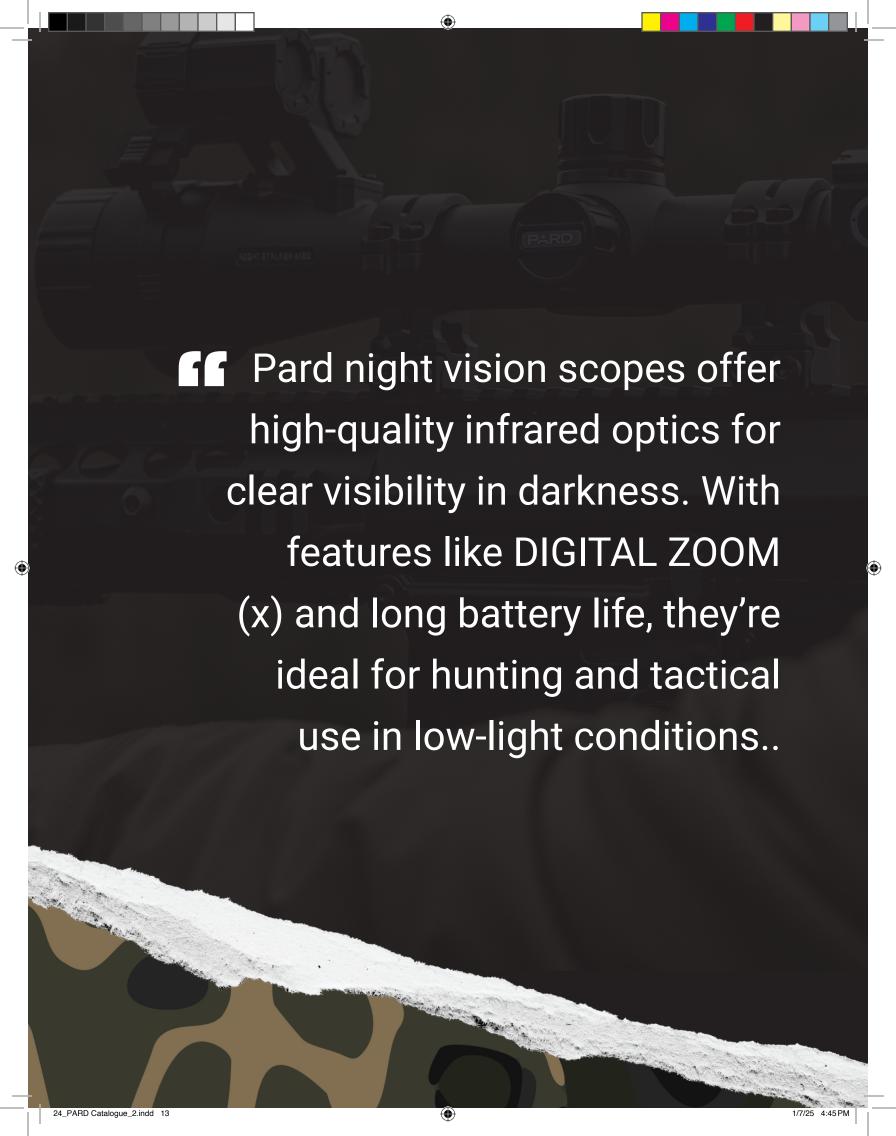
Aluminium Alloy

6000j













# NIGHTSTALKER 4K CONVENTIONAL SCOPE











UPC	850042449547
MSRP	\$899.00
SENSOR RESOLUTION	3840x2160
PIXEL SIZE (μm)	2
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	30/60
OBJECTIVE LENS	70
OPTICAL ZOOM (x)	4x/5.6x/8x
DIGITAL ZOOM (x)	2x/3x/4x
FIELD OF VIEW	4.6°/3.3°/2.3° Horizonta 4.6°/3.3°/2.3° Vertical 6.5°/4.6°/3.2° Diagonal
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORSS	Red/white/yellow/green
COLOR MODES	Color/Mono BW/Mono Green/Mono Yellow
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	1440x1080
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
НОМІ ОЦТРИТ	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	5
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminium Alloy
OBJECTIVE LENS	GLASS
WEIGHT WITHOUT BATTERY (q)	733.5g



## DS35/DS35RF

PLUS TL3









UPC	850042449585
MSRP	\$649.00
SENSOR RESOLUTION	2560x1440
PIXEL SIZE (µm)	2.9
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	30
OBJECTIVE LENS	70
OPTICAL ZOOM (x)	5.6x
DIGITAL ZOOM (x)	2x
FIELD OF VIEW	4.8° Horizontal
	3.6° Vertical
	5.1° Diagonal
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	white,yellow,green
COLOR MODES	Color/Mono BW/Mono
	Green/Mono Yellow
PHOTO RESOLUTION	1920x1080
VIDEO RESOLUTION	1920x1080
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850nm/940nm
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	8
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-4°F-122°F
RECOIL RESISTANCE (j)	1000g
HOUSING	Aluminium Alloy
OBJECTIVE LENS	GLASS
WEIGHT WITHOUT BATTERY (g)	680g
	100 Lat. 100





# NV008SP2 NIGHT VISION SCOPE













	UPC	850050408178
1		0000004001/0
	MSRP	\$799.00
	SENSOR RESOLUTION	2688x1520
Ì	PIXEL SIZE (μm)	2.9
	SENSITIVITY (lux)	0.001
	FRAME RATE (Hz)	30/60
	OBJECTIVE LENS	50/70
Ì	OPTICAL ZOOM (x)	4.5x/6.5x
ı	DIGITAL ZOOM (x)	2x
_	FIELD OF VIEW	6.4°/ 4.6° Horizontal
		4.8°/ 3.4° Vertical
		8.6°/ 5.7° Diagonal
	EYE RELIEF (MM)	100
	DISPLAY RESOLUTION	800x800
	RETICLE STYLES	6
	RETICLE COLORS	white,yellow,green
	COLOR MODES	Color/Black/white
	PHOTO RESOLUTION	N/A
,	VIDEO RESOLUTION	1440x1080
Ì	STORAGE	Micro SD Card
Ì	LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
١. [	BALLISTIC CALCULATOR	YES
	PIP MODE	YES
	SELF-ACTIVATED RECORDING	YES
	MICROPHONE	YES
	AUTO RECORDING	YES
_	IR DISTANCE - METERS (M)	350
	IR WAVELENGTH - (nm)	850
	COMPASS/GYROSCOPE	YES
٠, [	USB TYPE C	YES
)	HDMI OUTPUT	YES
í	WIFI	YES
1	SUPPORTED APPS	PardVision2
1	RECHARGEABLE BATTERY	Lithium Ion18650x1
	OPERATING TIME (hrs)	8
Ì	WEATHER PROOF RATING	IP67
/	OPERATING TEMP (F)	-4°F-122°F
	RECOIL RESISTANCE (j)	6000j
Ì	HOUSING	Aluminium Alloy
	OBJECTIVE LENS	GLASS
	WEIGHT WITHOUT BATTERY (g)	495q/450q





### NVOO7SP NIGHT VISION CLIP ON



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NIGHT VISION CATEGORY R

PHOTO RESOLUTION

WI-FI CONNECTION

LIGHTWEIGH





UPC	850042449820
MSRP	\$799.00
SENSOR RESOLUTION	2560x1440
PIXEL SIZE (μm)	2
SENSITIVITY (lux)	0.01
FRAME RATE (Hz)	30
OBJECTIVE LENS	22.5
OPTICAL ZOOM (x)	4x
DIGITAL ZOOM (x)	1-3.5x
FIELD OF VIEW	22° Horizontal
	12° Vertical
	25° Diagonal
EYE RELIEF (MM)	25
DISPLAY RESOLUTION	1024x768
COLOR MODES	Color/Black&white
PHOTO RESOLUTION	2592x1944
VIDEO RESOLUTION	1920x1080
STORAGE	Micro SD Card (128GE Max)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	NO
SELF-ACTIVATED RECORDING	YES
MICROPHONE	N/A
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	805/940
COMPASS/GYROSCOPE	N/A
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision
RECHARGEABLE BATTERY	Lithium Ion 18650
OPERATING TIME (hrs)	8
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-13°F-104°F
RECOIL RESISTANCE (j)	6000j
HOUSING	AL6061 & Composite
OBJECTIVE LENS	GLASS
WEIGHT WITHOUT BATTERY (g)	335g





### NVOO7V NIGHT VISION CLIP ON









NIGHT VISION

COMPACT DESIGN

PICTURE-IN-PICTURE





JPC	850050408925
MSRP	\$339.00
SENSOR RESOLUTION	1920×1080
PIXEL SIZE (µm)	N/A
SENSITIVITY (lux)	0.01
RAME RATE (Hz)	30
BJECTIVE LENS	16mm
OPTICAL ZOOM (x)	3x
DIGITAL ZOOM (x)	1x-3.5x
IELD OF VIEW	6.4°/ 4.6° Horizonta
	4.8°/ 3.4° Vertical
	8.6°/ 5.7° Diagonal
YE RELIEF (MM)	25
DISPLAY RESOLUTION	1024x768
RETICLE STYLES	
RETICLE COLORS	white,yellow,green
OLOR MODES	Color/Black/white
PHOTO RESOLUTION	2608x1944
IDEO RESOLUTION	1920x1080
TORAGE	Micro SD Card
RF DETECTION DISTANCE (m/yd)	N/A
BALLISTIC CALCULATOR	NO
PIP MODE	YES
ELF-ACTIVATED RECORDING	NO
MICROPHONE	NO
UTO RECORDING	YES
R DISTANCE - METERS (M)	350
R WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
JSB TYPE C	YES
IDMI OUTPUT	YES
VIFI	YES
UPPORTED APPS	PardVision2
ECHARGEABLE BATTERY	Lithium Ion18650x1
PERATING TIME (hrs)	≤8
VEATHER PROOF RATING	IP67
PERATING TEMP (F)	-4°F-122°F
RECOIL RESISTANCE (j)	6000j
IOUSING	AL6061 + Plastic
DBJECTIVE LENS	GLASS
VEIGHT WITHOUT BATTERY (g)	13.22g





### FD1

### NIGHT VISION CLIP ON



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T VISION CON

COMPACT F DESIGN

PICTURE-IN-PICTURE



850050408055
\$649.00
1920×1080
2.9 um
0.001
Color:60/B&W:30
30mm
3x
2x
7.9° Horizontal
5.9° Vertical
9.9° Diagonal
30
1440x1080
6
Red/White/Yellow/Green
Color /Mono
2592x1944
1440x1080
Micro SD Card
1000m/1200yd
YES
350
850
YES
YES
YES
YES
PardVision
Lithium Ion18650
≤8
IP67
-4°F-122°F
6000i
Aluminum Alloy
GLASS
FD-1: 327.6g(Clip-on)/310.4(Scope)
FD1-LRF: 374.6g(Clip-on)/357.5(-
Scope)

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## NVOO9 NIGHT VISION MONOCULOR









LIGHTWEIGHT NIGHT

VIGHT VISION CATEGORY

COMPACT DESIGN

PICTURE-IN-PICTURE





UPC	850050408055
MSRP	\$299.00
SENSOR RESOLUTION	1920×1080
PIXEL SIZE (µm)	2.9
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	60/30
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	4.7x
DIGITAL ZOOM (x)	1.5x-3x
FIELD OF VIEW	9.1° Horizontal 5.1° Vertical 10.4° Diagonal
EYE RELIEF (MM)	25
DISPLAY RESOLUTION	1024x768
RETICLE STYLES	6
RETICLE COLORS	NOT ON PRODUCT
COLOR MODES	Color/Black/white
PHOTO RESOLUTION	2592x1944
VIDEO RESOLUTION	1920x1080
STORAGE	Micro SD card (Max. 128GB)
LRF DETECTION DISTANCE (m/yd)	N/A
BALLISTIC CALCULATOR	NO.
PIP MODE	YES
SELF-ACTIVATED RECORDING	NO
MICROPHONE	NO
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	200
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	8
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-4°F-122°F
RECOIL RESISTANCE (j)	N/A
HOUSING	AL6061 & Composite
OBJECTIVE LENS	GLASS
WEIGHT WITHOUT BATTERY(g)	306g/260g



performance thermal imaging for hunting and outdoor use, providing clear vision in darkness and harsh conditions. With features like adjustable magnification and video recording, they are durable, reliable, and ideal for spotting heat signatures at long distances.





## TA SERIES

## THERMAL MONOCULOR







RETICLE DIGITAL ZOOM, OPTIONS OPTICAL ZOOM



LIGHTWEIGHT

#### TA32-LRF

UPC	850042449868	
MSRP	\$1299-\$2399	
SENSOR RESOLUTION	384×288	
NETD	≤35mK	
PIXEL SIZE (µm)	12x12	
SENSITIVITY (lux)	N/A	
FRAME RATE (Hz)	50	
OBJECTIVE LENS	35	
OPTICAL ZOOM (x)	2x/2.6x/3.7x	
DIGITAL ZOOM (x)	2x/4x/8x	
FIELD OF VIEW		
Horizontal	13.8°/10.5°/7.5°	
Vertical	10.4°/7.9°/5.6°	
Diagonal	17.2°/13.1°/9.4°	
EYE RELIEF (MM)	20	
DISPLAY RESOLUTION	1024x768	
RETICLE STYLES	N/A	
RETICLE COLORS	N/A	
IMAGE MODE	WhiteHot/BlackHot/RedHot/Fusion1/	
	Fusion2/IronRed1/IronRed2	
PHOTO RESOLUTION	2592x1944	
VIDEO RESOLUTION	1024x768	
STORAGE	Micro SD card	
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd	
BALLISTIC CALCULATOR	NO.	
PIP MODE	YES	
SELF-ACTIVATED RECORDING	YES	
MICROPHONE	YES	
AUTO RECORDING	NO	
COMPASS/GYROSCOPE	NO	
USB TYPE C	YES	
HDMI OUTPUT	YES	
WIFI	YES	
SUPPORTED APPS	PardVision	
RECHARGEABLE BATTERY	Lithium Ion 18650x1	
OPERATING TIME (hrs)	≤6	
WEATHER PROOF RATING	IP67	
OPERATING TEMP (F)	-4°F-122°F	
RECOIL RESISTANCE (i)	6000j	
HOUSING	Aluminum Alloy+Composite	
OBJECTIVE LENS	All-glass multi-coated lens	
WEIGHT WITHOUT BATTERY (g)	330g	

#### TA62-LRF

UPC	850042449882
MSRP	\$1299-\$2399
SENSOR RESOLUTION	640x480
NETD	≤35mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	1.6x/2.2x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	17.5°/12.5°
Vertical	13.1°/9.4°
Diagonal	21.7°/15.6°
EYE RELIEF (MM)	20
DISPLAY RESOLUTION	1024x768
RETICLE STYLES	N/A
RETICLE COLORS	N/A
IMAGE MODE	WT-HOT/BK-HOT/EDGE/RD- HOT/IN-HOT/SKY
PHOTO RESOLUTION	2592x1944
VIDEO RESOLUTION	1024x768
STORAGE	Micro SD card
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	NO
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision
RECHARGEABLE BATTERY	Lithium Ion 18650x1
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-4°F-122°F
RECOIL RESISTANCE (j)	6000i
HOUSING	Aluminum Alloy+Composite
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (g)	345q





## SPHINX 384 THERMAL SCOPE

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UPC	950050409277
	850050408277
MSRP SENSOR RESOLUTION	\$1,999.00
	384x288
NETD	≤35mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	3.5x
DIGITAL ZOOM (x)	2x/4x/8x
FIELD OF VIEW	
Horizontal	7.6°
Vertical	5.7°
Diagonal	9.5°
EYE RELIEF (MM)	N/A
DISPLAY RESOLUTION	1280x720
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	2592x1944
VIDEO RESOLUTION	1280x720
STORAGE	Micro SD Card
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	NO
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-4°F-122°F
RECOIL RESISTANCE (i)	6000j
HOUSING	Aluminium Alloy
OBJECTIVE LENS	GLASS
WEIGHT WITHOUT BATTERY(g)	584.5g
WEIGHT WITHOUT BATTERY(g)	304.3g





THERMAL VISION PICTURE-IN-PICTURE CATEGORY





25 PARD

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## HARRIER SERIES THERMAL BINOCULAR



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THERMAL VISION PICTURE-IN-PICTURE 6 RETICLE STYLES 4 COLORS

YLES IMAGE MODES





UPC	850050408116
MSRP	\$2999-\$3999
SENSOR RESOLUTION	480x360
	640x512
NETD	≤20mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	2.4x
DIGITAL ZOOM (x)	2x/4x/8x
FIELD OF VIEW	
Horizontal	9.4°
Vertical	7.1°
Diagonal	11.8°
EYE RELIEF (MM)	25
DISPLAY RESOLUTION	640x480
RETICLE STYLES	N/A
RETICLE COLORS	N/A
IMAGE MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	2048x1536
VIDEO RESOLUTION	1024x768
STORAGE	Micro SD card(Max 128GB)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium 21700x1
OPERATING TIME (hrs)	8
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-4°F-122°F
RECOIL RESISTANCE (j)	6000i
HOUSING	Composite Material
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (g)	553.5q





### OCELOT THERMAL SCOPES









ERMAL VISION DIGITAL ZOOM, CATEGORY OPTICAL ZOOM

FRAME RATE

WI-FI CONNECTION





UPC	850050408611
MSRP	\$1799-\$3999
SENSOR RESOLUTION	480x360
	640x512
NETD	≤25mK
PIXEL SIZE (µm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35/50
OPTICAL ZOOM (x)	2.3x/2.5x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	7.1°/5.0°
Vertical	7.1°/5.0°
Diagonal	10.0°/7.0°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	768x768
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion21700x1
OPERATING TIME (hrs)	≤5
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated
No.	lens
WEIGHT WITHOUT BATTERY (g)	616.5g/647g













#### **PANTERA 640**

UPC	850050408208
MSRP	\$1799-\$3999
SENSOR RESOLUTION	640*512
NETD	≤20mK
PIXEL SIZE (µm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35/50
OPTICAL ZOOM (x)	3.8x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	7.0°/4.7°
Vertical	7.0°/4.7°
Diagonal	9.9°/6.6°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	768x768
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	5
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass
WEIGHT WITHOUT BATTERY (g)	681.5g

#### PANTERA 480

UPC	850050408208
MSRP	\$1799-\$3999
SENSOR RESOLUTION	480x360
NETD	≤20mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35/50
OPTICAL ZOOM (x)	3.8x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	7.1°/5.0°
Vertical	7.1°/5.0°
Diagonal	10.0°/7.0°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	768x768
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	5
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass
	3
WEIGHT WITHOUT BATTERY (g)	681.5g - 50mm
(3)	622g - 35mm





## OCELOT & PANTERA ZOOM THERMAL SCOPES









#### **OCELOT ZOOM**

UPC	850050408673
MSRP	\$4,999.00
SENSOR RESOLUTION	640x512
NETD	≤20mK
PIXEL SIZE (µm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	25/50
OPTICAL ZOOM (x)	1.3x/2.5x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	14.0°/7.0°
Vertical	14.0°/7.0°
Diagonal	19.8°/9.9°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
IMAGE MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	768x768
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A-
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium 21700x1
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated
, , ,	lens
WEIGHT WITHOUT BATTERY (g)	709g

#### **PANTERA ZOOM**

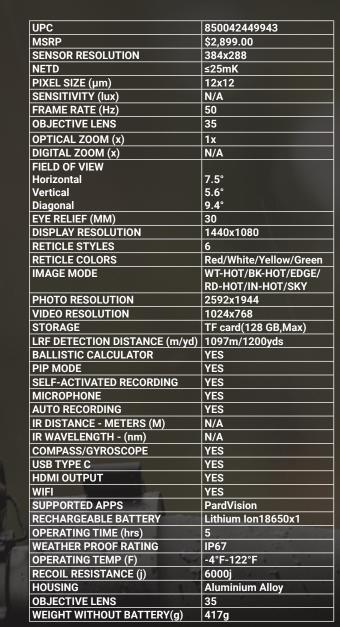
UPC	850050408734
MSRP	\$4,999.00
SENSOR RESOLUTION	640x512
NETD	≤20mK
PIXEL SIZE (µm)	12x12
SENSITIVITY (lux)	0.0001
FRAME RATE (Hz)	50
OBJECTIVE LENS	25/50
OPTICAL ZOOM (x)	1.3x/2.5x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	14.0°/7.0°
Vertical	14.0°/7.0°
Diagonal	19.9°/9.9°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	768x768
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	5
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass
ODGEGITTE ELITO	All glass
WEIGHT WITHOUT BATTERY (g)	759g







## FT 34 THERMAL CLIP ON









QUICK ATTACHMEN



LIGHTWEIGHT

IMAGE

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30 PARD

### **(**

# PREDATOR THERMAL CLIP ON

UPC	850050408093
MSRP	\$3499.00
SENSOR RESOLUTION	640/680
NETD	≤20mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	45
OPTICAL ZOOM (x)	1x
DIGITAL ZOOM (x)	N/A
FIELD OF VIEW	
Horizontal	9.4°
Vertical	7.1°
Diagonal	11.8°
EYE RELIEF (MM)	N/A
DISPLAY RESOLUTION	1920x1080
RETICLE STYLES	N/A
RETICLE COLORS	N/A
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1440x1080
VIDEO RESOLUTION	1024x768
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	NO
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	N/A
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision
RECHARGEABLE BATTERY	Lithium Ion18650x1
OPERATING TIME (hrs)	≤5
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminium Alloy
WEIGHT WITH BATTERY(g)	424g



PLRO

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combine thermal, night vision, and daytime optics, offering versatile performance in all lighting conditions. With features like laser rangefinders and ballistic calculators, they provide enhanced accuracy for hunters and tactical users.





## LANDSAT COMPACT MULTI-SPECTRAL SCOPE











DIGITAL ZOOM, OPTICAL ZOOM

### LANDSTAT 480

UPC	850050408796
MSRP	\$3,999.00
SENSOR RESOLUTION	480x360
NETD	≤20mK
PIXEL SIZE (µm)	12x12
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	50
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	2.4x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	7.1°
Vertical	7.1°
Diagonal	10.0°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6 / /
RETICLE COLORS	4(Red/White/Yellow/ Green)
IMAGE MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	Thermal: 768x768/ Night Vision: 1440x1080
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion 21700x1
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass
WEIGHT WITH BATTERY (g)	750g

HOUSING	Aluminum Anoy
OBJECTIVE LENS	All-glass
WEIGHT WITH BATTERY (g)	750g

#### LANDSTAT 640

UPC	850050408550
MSRP	\$4,999
SENSOR RESOLUTION	640x512
NETD	≤20mK
PIXEL SIZE (µm)	12x12
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	50
OBJECTIVE LENS	45
OPTICAL ZOOM (x)	2x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	8.8°
Vertical	8.8°
Diagonal	12.4°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	4(Red/White/Yellow/
,	Green)
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
VIDEO RESOLUTION	Thermal: 768x768/
	Night Vision: 1440x1080
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIÉI ) , ~	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion 21700x1
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000i
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass
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34 PARD



### OSPREY

### **MULTI-SPECTRAL BINOCULAR**









MULTI-SPECTRAL

DIGITAL ZOOM,

FICLE STYLES
COLORS CON

#### **OSPREY 480**

850050408826
\$3,499.00
480x360
≤20mK
12x12
0.001
50
35
2.4x
2x/4x/6x/8x
9.4°
7.1°
11.8°
100
640x480
N/A
N/A
WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
Thermal: 2048x1536/ Night Vision: 2048x1536
Thermal: 1024x768/Night Vision: 1920x1440
Micro SD (128GB MAX)
1000m/1200yd
YES
N/A
850
YES
YES
YES
YES
PardVision2
Lithium Ion 21700x1
≤6
IP67
· · · · · · · · · · · · · · · · · · ·
-22°F-131°F
6000j
All place
All-glass

#### **OSPREY 640**

UPC	850050408673
MSRP	\$4,499.00
SENSOR RESOLUTION	640x512
NÉTD	≤20mK
PIXEL SIZE (µm)	12x12
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	50
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	2.4x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
Horizontal	12.5°
Vertical	10.0°
Diagonal	16.0°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	640x480
RETICLE STYLES	N/A
RETICLE COLORS	N/A
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	Thermal: 2048x1536/
	Night Vision: 2048x1536
VIDEO RESOLUTION	Thermal: 1024x768/Nigl
	Vision: 1920x1440
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision2
RECHARGEABLE BATTERY	Lithium Ion 21700x1
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000i
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass
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## TD32/TD62 MULTI-SPECTRAL SCOPE









MULTI-SPECTRAL DIGITAL ZOOM, CATEGORY OPTICAL ZOOM

### TD 32

UPC	850050408109
MSRP	\$3,499.00
SENSOR RESOLUTION	384x288
NETD	≤25mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	50
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	3x
DIGITAL ZOOM (x)	2x
FIELD OF VIEW	
Horizontal	5.7°
Vertical	5.7°
Diagonal	8° \ \ \ \ '
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	4(Red/White/Yellow/ Green)
IMAGE MODE	WT-HÓT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	2592x1944
VIDEO RESOLUTION	Thermal: 1024x768/Nigh Vision: 1440x1080
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
SUPPORTED APPS	PardVision
RECHARGEABLE BATTERY	Lithium Ion 21700x1
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000i
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass
WEIGHT WITHOUT BATTERY (g)	800g
WEIGHT WITHOUT BATTERY (g)	ovug

#### TD 62

UPC	850050408567
MSRP	\$4,499.00
SENSOR RESOLUTION	640x512
NETD	≤25mK
PIXEL SIZE (µm)	12x12
SENSITIVITY (lux)	0.001
FRAME RATE (Hz)	50
OBJECTIVE LÈNS	35
OPTICAL ZOOM (x)	3x/2x
DIGITAL ZOOM (x)	2x
FIELD OF VIEW	
Horizontal	5.7°
Vertical	5.7°
Diagonal	6°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	4(Red/White/Yellow/
	Green)
IMAGE MODE	WT-HOT/BK-HOT/EDGE/
	RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	2592x1944
VIDEO RESOLUTION	Thermal: 1024x768/Night Vision: 1440x1080
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
SELF-ACTIVATED RECORDING	YES
MICROPHONE	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
HDMI OUTPUT	YES
WIFI	YES
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SUPPORTED APPS	PardVision
RECHARGEABLE BATTERY	Lithium Ion 21700x1
OPERATING TIME (hrs)	≤6
WEATHER PROOF RATING	IP67
OPERATING TEMP (F)	-22°F-131°F
RECOIL RESISTANCE (j)	6000j
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass
WEIGHT WITHOUT BATTERY (g)	800g





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## **NOTES**



## NOTES





The entire PARD team is grateful for our customers, distributors, partners, and those who have enabled us to grow. We are committed to game-changing innovations, new products designed to meet customer requirements, and a dedication to quality.

## CONTACT US TODAY AT:

### **PARD USA**

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Visit our website at us.pard.com

### **WARRANTY INFO**

•PARD USA offers a (3) years manufacturers warranty and an additional (2) years registration warranty on all thermal imaging devices purchased after 1/1/25.

•This warranty does not cover a product if it has (a) been used in ways other than its normal and customary manner; (b) subjected to misuse; (c) subjected to alterations, modifications or repairs by the customer of by any party other than Pard without prior written consent of PARD USA; (d) special order or "closeout" merchandise or merchandise sold "as-is" by either PARD USA or a PARD dealer; or (e) merchandise that has been discontinued by the manufacturer and either parts or replacement units are not available due to reasons beyond the control of PARD USA. PARD USA shall not be responsible for any defects or damage that in PARD USA's view are a result from the mishandling, abuse, misuse, improper storage or improper operation of the device, including use in conjunction with equipment that is electrically or mechanically incompatible with, or of inferior quality to, the product, as well as failure to maintain the environmental conditions specified by the manufacturer.

\*New warranty information is applied to the following products:

Leopard Series, Sphinx Series, Ocelot Series, Pantera Series, Harrier Series, Predator Series, and

Osprey Series.

