



**PARD** | NIGHT VISION &  
THERMAL OPTICS  
**2026 CATALOG**

# 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. It's 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. It's 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 device's 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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**PARD** | NIGHT VISION &  
THERMAL OPTICS

“ As expected from all PARD devices, my expectations are exceeded once again! It is a great device that I wouldn't want to be without in my kit. What is the best thing about it? – You buy quality.”

- *Chase Douglas*

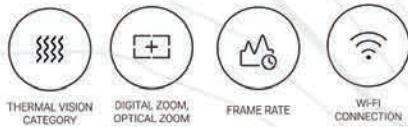


NEW FOR 2026

**NEW**

# PANTERA eX 640

## THERMAL SCOPE



- ▲ 2560x2560 SCREEN RESOLUTION
- ▲ 640X512 RESOLUTION SENSOR, 12μM, NETD ≤ 14mK
- ▲ QUICK ACTION BODY DESIGN
- ▲ INNOVITAVE "SIDE-FOCUS" DESIGN

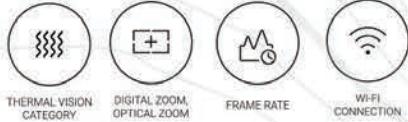
UPC	
MSRP	
TYPE	Uncooled VOx(vanadium oxide)
SENSOR RESOLUTION	640X512
NETD	≤14mK
PIXEL SIZE (μm)	12x12
FRAME RATE (Hz)	50
DETECTION DISTANCE(M)	2600
OBJECTIVE LENS	50
OPTICAL ZOOM (x)	3.7
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
HORIZONTAL	8.8°
VERTICAL	7°
DIAGONAL	11.2°
FOCUS RANGE	5m-∞
EYE RELIEF (MM)	60
DIOPTER ADJUSTMENT(D)	-5~5
DISPLAY RESOLUTION	2560x2560
RETICLE STYLES	6
RETICLE COLORS	Red/White/Yellow/Green
SCENE MODE	City/Rain/Forest
IMAGE MODE	WT-HOT/BK-HOT//RD-HOT/IN-HOT/SKY/H-LIGHT
PHOTO RESOLUTION	1024x768
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	1280x1280
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
IMAGE ENGINE	Pard IREA
LRF DETECTION DISTANCE (m/yd)	1000
BALLISTIC CALCULATOR	YES
PIP MODE	YES
HOT TRACK	YES
MICROPHONE	YES
GYROSCOPE	YES
RECOIL RESISTANCE (j)	6000j
LOOP RECORDING	YES
E-COMPASS	YES
SHUTTER	Mechanical Shutter
FIRMWARE UPGRADE	YES
HDMI OUTPUT	YES
WIFI	YES
USB TYPE-C	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 18650*11+built-in 21700*1
OUTPUT VOLTAGE(V)	3.7
OPERATING TIME(H)	≤8
EXTERNAL POWER SUPPLY(V)	Type-C
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-30 ~ +55 / -22 ~ +131
HOUSING	Aluminum Alloy
OBJECTIVE LENS	All-glass multi-coated lens
PRODUCT DIMENSION	370X88X72
N.W/PCS(WITH BATTERY, G)	1087



**NEW**

# PANTERA 256 Q

## THERMAL SCOPE



- ▲ INNOVITAVE "SIDE-FOCUS" DESIGN
- ▲ QUICK ACTION BODY DESIGN
- ▲ 256X192 RESOLUTION SENSOR, 12μM, NETD ≤ 25mK

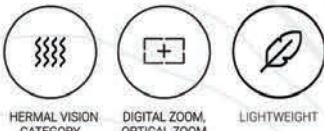


UPC	850071106046
MSRP	\$899
TYPE	Uncooled VOx(vanadium oxide)
SENSOR RESOLUTION	256x192
NETD	≤25mK
PIXEL SIZE (μm)	12x12
FRAME RATE (Hz)	50
DETECTION DISTANCE(M)	1200
OBJECTIVE LENS	25
OPTICAL ZOOM (x)	3.6
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
HORIZONTAL	7°
VERTICAL	5.3°
DIAGONAL	8.8°
FOCUS RANGE	5m-∞
EYE RELIEF (MM)	50
DIOPTER ADJUSTMENT(D)	-5~5
DISPLAY RESOLUTION	1024x768
RETICLE STYLES	6
RETICLE COLORS	Red/White/Yellow/Green
SCENE MODE	City/Rain/Forest
IMAGE MODE	WT-HOT/BK-HOT//RD-HOT/IN-HOT/SKY/H-LIGHT
PHOTO RESOLUTION	1024x768
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	1024x768
VIDEO FORMAT	.MP4
STORAGE	Built-in EMMC (32GB)
IMAGE ENGINE	Pard IREA
LRF DETECTION DISTANCE (m/yd)	N/A
BALLISTIC CALCULATOR	NO
PIP MODE	YES
HOT TRACK	YES
MICROPHONE	YES
GYROSCOPE	YES
RECOIL RESISTANCE (j)	6000j
LOOP RECORDING	YES
E-COMPASS	YES
SHUTTER	Mechanical Shutter
FIRMWARE UPGRADE	YES
HDMI OUTPUT	NO
WIFI	YES
USB TYPE-C	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 18650*1
OUTPUT VOLTAGE(V)	3.7
OPERATING TIME(H)	≤6
EXTERNAL POWER SUPPLY(V)	Type-C
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-30 ~ +55 / -22 ~ +131
HOUSING	Aluminum Alloy
OBJECTIVE LENS	All-glass multi-coated lens
PRODUCT DIMENSION	295x82x70
N.W/PCS(WITH BATTERY, G)	492

**NEW**

# BOBCAT 480

## Thermal Monocular



HERMAL VISION CATEGORY    DIGITAL ZOOM, OPTICAL ZOOM    LIGHTWEIGHT



▲ CARRYING FORWARD THE LEGACY OF INNOVATIVE, COMPACT DESIGN.

▲ NEW GENERATION THERMAL SENSOR NETD  $\leq 18\text{MK}$

▲ OLED 1920X1080 SCREEN

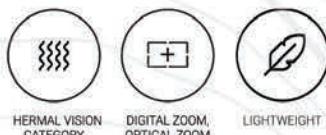
UPC	850071106008	
MSRP	\$1899	
RESOLUTION(PIXEL)	480*360	
PIXEL SIZE(MM)	12*12	
SENSITIVITY(LUX)	$\leq 18\text{MK}$ ( $0.018^\circ\text{C}$ )	
FRAME RATE(HZ)	50	
IMAGE ENGINE	1800	
OBJECTIVE LENS	35	
OPTICAL MAGNIFICATION(X)	3.5	
DIGITAL ZOOM(X)	2/4/6/8	
FEILD OF VIEW	HORIZONTAL	9.4
	VERTICAL	7.1
	DIAGONAL	11.7
FOCUS RANGE	3M ~ $\infty$	
DIOPTER ADJUSTMENT(D)	$\pm 5\text{D}$	
TYPE	OLED	
RESOLUTION(PIXEL)	1920*1080	
IMAGE MODE	WT-HOT/BK-HOT/H-LIGHT/RD-HOT/IN-HOT/SKY	
PHOTO RESOLUTION(PIXEL)	1440*1080	
PHOTO FORMAT	.JPG	
VIDEO RESOLUTION(PIXEL)	1440*1080	
VIDEO FORMAT	.MP4	
LRF/M	1000	
COMPASS	YES	
PIP	YES	
AUTO RECORDING	YES	
LOOP RECORDING	YES	
TIME STAMP	YES	
RECORD AUDIO	YES	
STORAGE(GB)	MICRO SD CARD (MAX. 128GB)	
USB TYPE-C	YES	
WIFI	YES	
SUPPORTED APPS	PARDVISION2	
BATTERY TYPE	LI-ION BATTERY 18650*1	
OUTPUT VOLTAGE(V)	3.7	
OPERATING TIME(H,MAX)	6	
EXTERNAL POWER SUPPLY	TYPE-C	
HOUSING	AL6061 & COMPOSITE	
OBJECTIVE LENS	ALL-GLASS MULTI-COATED LENS	
PRODUCT DIMENSION	170*70*43	
N.W/PCS(WITH BATTERY, G)	405	



**NEW**

# BOBCAT 640

## THERMAL MONOCULOR



THERMAL VISION CATEGORY, DIGITAL ZOOM, OPTICAL ZOOM, LIGHTWEIGHT



- ▲ CARRYING FORWARD THE LEGACY OF INNOVATIVE, COMPACT DESIGN.
- ▲ NEW GENERATION THERMAL SENSOR NETD  $\leq 18\text{MK}$
- ▲ OLED 1920X1080 SCREEN

UPC	850071106015						
MSRP	\$2399						
RESOLUTION(PIXEL)	640*512						
PIXEL SIZE(MM)	12*12						
SENSITIVITY(LUX)	$\leq 18\text{MK}$ (0.018°C)						
FRAME RATE(HZ)	50						
IMAGE ENGINE	1800						
OBJECTIVE LENS	35						
OPTICAL MAGNIFICATION(X)	2.6						
DIGITAL ZOOM(X)	2/4/6/8						
FEILD OF VIEW	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33.33%; text-align: center;">HORIZONTAL</td> <td style="width: 33.33%; text-align: center;">12.5</td> </tr> <tr> <td style="width: 33.33%; text-align: center;">VERTICAL</td> <td style="width: 33.33%; text-align: center;">10</td> </tr> <tr> <td style="width: 33.33%; text-align: center;">DIAGONAL</td> <td style="width: 33.33%; text-align: center;">16</td> </tr> </table>	HORIZONTAL	12.5	VERTICAL	10	DIAGONAL	16
HORIZONTAL	12.5						
VERTICAL	10						
DIAGONAL	16						
FOCUS RANGE	3M ~ $\infty$						
DIOPTER ADJUSTMENT(D)	$\pm 5\text{D}$						
TYPE	OLED						
RESOLUTION(PIXEL)	1920*1080						
IMAGE MODE	WT-HOT/BK-HOT/H-LIGHT/RD-HOT/IN-HOT/SKY						
PHOTO RESOLUTION(PIXEL)	1440*1080						
PHOTO FORMAT	.JPG						
VIDEO RESOLUTION(PIXEL)	1440*1080						
VIDEO FORMAT	.MP4						
LRF/M	1000						
COMPASS	YES						
PIP	YES						
AUTO RECORDING	YES						
LOOP RECORDING	YES						
TIME STAMP	YES						
RECORD AUDIO	YES						
STORAGE(GB)	MICRO SD CARD (MAX. 128GB)						
USB TYPE-C	YES						
WIFI	YES						
SUPPORTED APPS	PARDVISION2						
BATTERY TYPE	LI-ION BATTERY 18650*1						
OUTPUT VOLTAGE(V)	3.7						
OPERATING TIME(H,MAX)	6						
EXTERNAL POWER SUPPLY	TYPE-C						
HOUSING	AL6061 & COMPOSITE						
OBJECTIVE LENS	ALL-GLASS MULTI-COATED LENS						
PRODUCT DIMENSION	170*70*43						
N.W/PCS(WITH BATTERY, G)	405						



**NEW**

# NIGHT STALKER EX

## NIGHTVISION SCOPE

NIGHT VISION  
CATEGORYDIGITAL ZOOM,  
OPTICAL ZOOMColor: 60 hz/BW: 30 hz  
FRAME RATEWI-FI  
CONNECTION

UPC	850071106077	
MSRP	\$999	
RESOLUTION(PIXEL)	3840*2160	
PIXEL SIZE(MM)	2.9	
SENSITIVITY(LUX)	0.001	
FRAME RATE(HZ)	COLOR/ BLACK&WHITE: 60/30	
IMAGE ENGINE	PARD VLEA	
OBJECTIVE LENS	70	
OPTICAL MAGNIFICATION(X)	5.5	
DIGITAL ZOOM(X)	4	
FEILD OF VIEW	HORIZONTAL VERTICAL DIAGONAL	5.8 4.4 7.3
FOCUS RANGE	10M-∞	
EYE RELIEF(MM)	60	
DIOPTER ADJUSTMENT(D)	-5~5	
TYPE	OLED	
RESOLUTION(PIXEL)	2560*2560	
RETICLE STYLE	6	
RETICLE COLOR	RED/WHITE/YELLOW/GREEN	
COLOR MODE	COLOR/BLACK&WHITE/ YELLOW/GREEN	
PHOTO RESOLUTION(PIXEL)	2448*1836	
PHOTO FORMAT	.JPG	
VIDEO RESOLUTION(PIXEL)	1280*1280	
VIDEO FORMAT	.MP4	
STORAGE(GB)	MICRO SD CARD (128GB, MAX)	
PIP	YES	
BALLISTIC CALCULATOR	YES	
GYROSCOPE	YES	
RECOIL-ACTIVATED RECORDING	YES	
AUTO RECORDING	YES	
LOOP RECORDING	YES	
TIME STAMP	YES	
RECORD AUDIO	YES	
EXPOSURE COMPENSATION	YES	
USB TYPE-C	YES	
HDMI OUTPUT	YES	
WIFI	YES	
SUPPORTED APPS	PARDVISION2	
LITHIUM BATTERY TYPE	BUILT-IN 21700*1+REPLACEABLE 18650*1	
OUTPUT VOLTAGE(V)	3.7	
OPERATING TIME(H, MAX)	8	
EXTERNAL POWER SUPPLY(V)	USB TYPE-C	
PROTECTION CLASS	IP67	
OPERATING TEMP (°C/°F)	-30~55/-22~131	
RECOIL RESISTANCE(J)	6000	
HOUSING	ALUMINIUM ALLOY	
OBJECTIVE LENS	GLASS	
PRODUCT DIMENSION	361*87*73	
N.W/PCS (WITH BATTERY, G)	896	



▲ INNOVITAVE "SIDE-FOCUS" DESIGN

▲ 3840X2160 4K RESOLUTION, 0.001 LUX HIGH  
SENSIVITY SENSOR

▲ OLED 2560X2560 RESOLUTION SCREEN

▲ PREMIUM TACTICAL COATING



**NEW**

# IL1 - FOR NIGHT STALKER EX NIGHTVISION ACCESSORY



NIGHT VISION  
CATEGORY

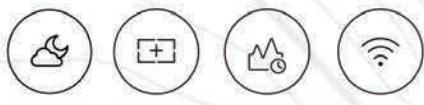
UPC	850071106060
MSRP	\$220
IR POWER(W)	5
IR ILLUMINATING LEVEL	3 LEVELS
IR DISTANCE(M)	350
IR WAVELENGTH(NM)	850/940
DETECTION RANGE(M)	1000



**NEW**

# NIGHT STALKER MINI

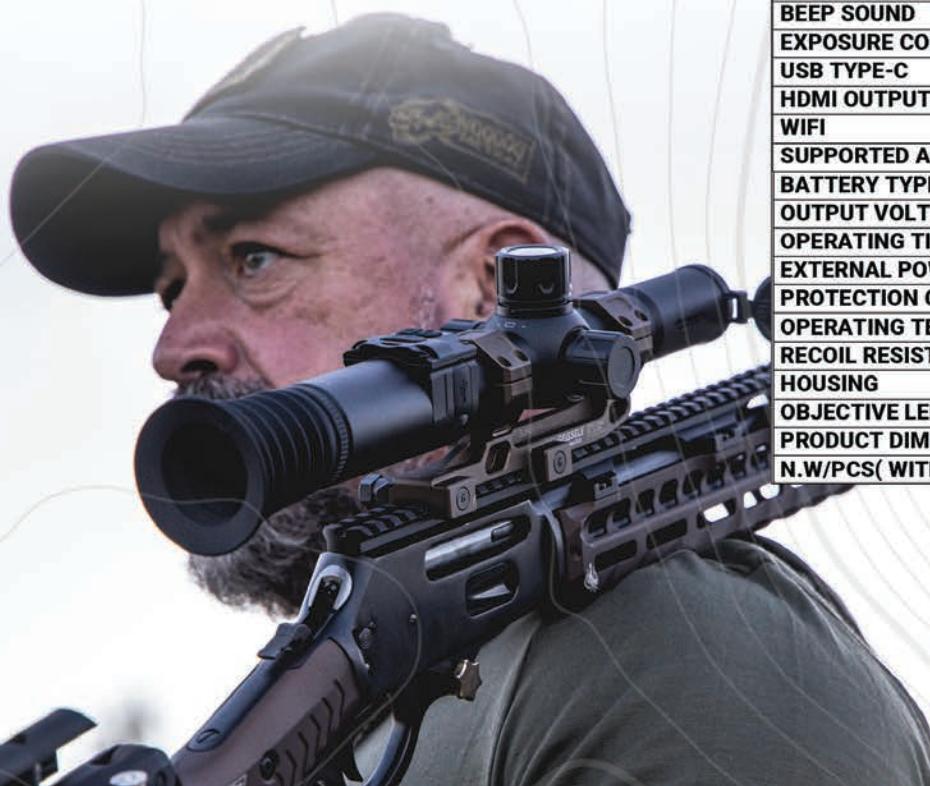
## NIGHTVISION SCOPE



NIGHT VISION CATEGORY    DIGITAL ZOOM, OPTICAL ZOOM    60/30hz (Color/Mono) FRAME RATE    WI-FI CONNECTION



- ▲ INNOVATIVE "SIDE FOCUS"
- ▲ FAST TARGET ACQUISITION DESIGN
- ▲ 2560X1440 RESOLUTION, 0.001 LUX HIGH SENSIVITY SENSOR
- ▲ TRUE CIRCULAR DISPLAY WITH 100MM EYE RELIEF



UPC	850071106077	
MSRP	\$599	
RESOLUTION(PIXEL)	2560*1440	
PIXEL SIZE(MM)	2.9	
SENSITIVITY(LUX)	0.001	
FRAME RATE(HZ)	60/30(COLOR/MONO)	
IMAGE ENGINE	PARD VLEA	
OBJECTIVE LENS	35	
OPTICAL MAGNIFICATION(X)	3	
DIGITAL ZOOM(X)	2	
FEILD OF VIEW	HORIZONTAL VERTICAL DIAGONAL	5.7 5.7 8
FOCUS RANGE	5M~∞	
EYE RELIEF(MM)	100	
DIOPTER ADJUSTMENT(D)	-5~+3	
TYPE	IPS	
RESOLUTION(PIXEL)	800*800	
RETICLE STYLE	6	
RETICLE COLOR	RED/WHITE/YELLOW/GREEN	
IMAGE MODE	COLOR/BLACK&WHITE/YELLOW/GREEN	
PHOTO RESOLUTION(PIXEL)	1440*1080	
PHOTO FORMAT	.JPG	
VIDEO RESOLUTION(PIXEL)	1440*1080	
VIDEO FORMAT	.MP4	
STORAGE(GB)	MICRO SD CARD (128GB, MAX)	
LRF	NO	
BALLISTIC CALCULATOR	NO	
PIP	YES	
GYROSCOPE	YES	
RECOIL-ACTIVATED RECORDING	YES	
AUTO RECORDING	YES	
LOOP RECORDING	YES	
TIME STAMP	YES	
RECORD AUDIO	YES	
BEEP SOUND	YES	
EXPOSURE COMPENSATION	YES	
USB TYPE-C	YES	
HDMI OUTPUT	YES	
WIFI	YES	
SUPPORTED APPS	PARDVISION2	
BATTERY TYPE	LITHIUM ION18650*1	
OUTPUT VOLTAGE(V)	3.7	
OPERATING TIME(H, MAX)	6	
EXTERNAL POWER SUPPLY(V)	USB TYPE-C	
PROTECTION CLASS	IP67	
OPERATING TEMP (°C/°F)	-30~55/-22~131	
RECOIL RESISTANCE(J)	6000	
HOUSING	ALUMINIUM ALLOY	
OBJECTIVE LENS	GLASS	
PRODUCT DIMENSION	295*82*70	
N.W/PCS( WITH BATTERY, G)	455	

NEW

# TL3+BRACKET NIGHTVISION SCOPE



NIGHT VISION  
CATEGORY



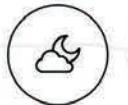
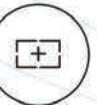
UPC	850071106084
MSRP	\$100
IR Wavelength(nm)	850/940
IR Power(W)	5
IR Illuminating Level	3 Levels
IR Distance(m)	350
IR Characteristic	Adjustable
Battery Type	Li-ion 18650*1
Operating Time(h)	In the IR I level state, ≤6h In the IR II level state, ≤3h In the IR III level state, ≤2h
Mount	Quick release
Waterproof	IP67
Operating Temp(°C/°F)	-20 ~ +50 / -4 ~ +122



**NEW**

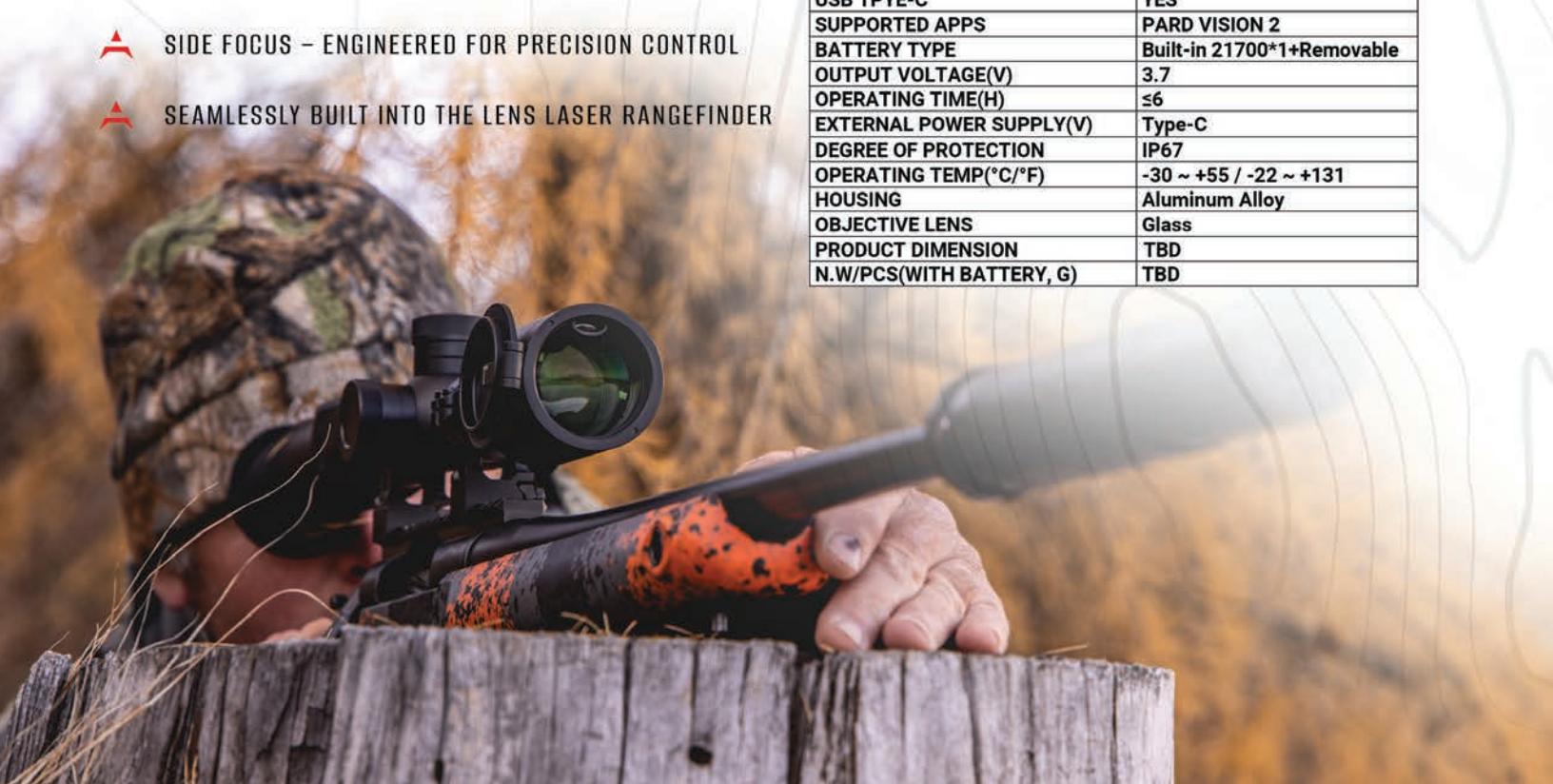
# NIGHTSTALKER 4K 2.0

## NIGHTVISION SCOPE

NIGHT VISION  
CATEGORYDIGITAL ZOOM,  
OPTICAL ZOOM30 Hz  
FRAME RATEWI-FI  
CONNECTION

- ▲ 3840X2160 4K RESOLUTION
- ▲ ULTRA-SHARP 1280×1280 RESOLUTION
- ▲ SIDE FOCUS – ENGINEERED FOR PRECISION CONTROL
- ▲ SEAMLESSLY BUILT INTO THE LENS LASER RANGEFINDER

UPC	
MSRP	
SENSOR RESOLUTION	3840X2160
NETD	N/A
PIXEL SIZE (μm)	2
FRAME RATE (Hz)	30
OBJECTIVE LENS	70
OPTICAL ZOOM (x)	6.5
DIGITAL ZOOM (x)	2x/3x/4x
FIELD OF VIEW	
HORIZONTAL	4.7°
VERTICAL	4.7°
DIAGONAL	6.7°
FOCUS RANGE	10m-∞
EYE RELIEF (MM)	65
DIOPTER ADJUSTMENT(D)	-5~5
DISPLAY RESOLUTION	1280x1280
RETICLE STYLES	6
RETICLE COLORS	Red/White/Yellow/Green
IMAGE MODE	COLOR/BLACK & WHITE
PHOTO RESOLUTION	TBD
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	TBD
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
IMAGE ENGINE	Pard VLEA
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
GYROSCOPE	YES
RECOIL RESISTANCE (j)	6000j
LOOP RECORDING	YES
E-COMPASS	YES
HDMI OUTPUT	YES
WIFI	YES
USB TYPE-C	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Built-in 21700*1+Removable
OUTPUT VOLTAGE(V)	3.7
OPERATING TIME(H)	≤6
EXTERNAL POWER SUPPLY(V)	Type-C
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-30 ~ +55 / -22 ~ +131
HOUSING	Aluminum Alloy
OBJECTIVE LENS	Glass
PRODUCT DIMENSION	TBD
N.W/PCS(WITH BATTERY, G)	TBD



The background of the image is a dark, abstract camouflage pattern. It consists of irregular, organic shapes in shades of dark olive green, black, and tan, creating a mottled effect. The shapes are roughly circular and elliptical, with some having darker centers and others being more solid. The overall texture is reminiscent of military camouflage fabric or a night vision display.

**NIGHT VISION**



“ Pard night vision scopes offer high-quality infrared optics for clear visibility in darkness. With features like DIGITAL ZOOM (x) and long battery life, they’re ideal for hunting and tactical use in low-light conditions.”

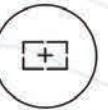
*- Ryan Johnson*

# NIGHTSTALKER 4K

## NIGHTVISION SCOPE



NIGHT VISION  
CATEGORY



DIGITAL ZOOM,  
OPTICAL ZOOM



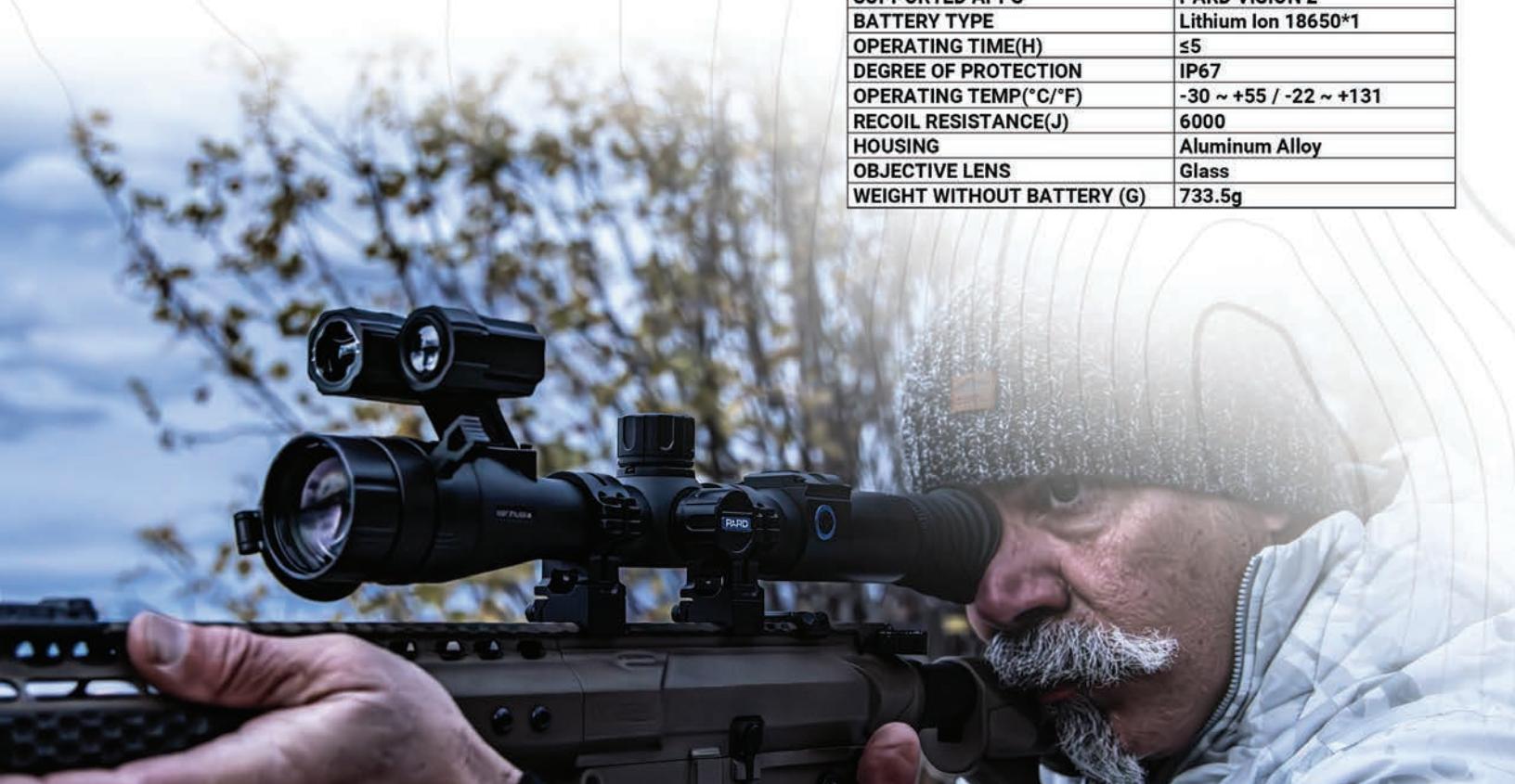
30 Hz  
FRAME RATE



WI-FI  
CONNECTION



UPC	850042449547
MSRP	\$899.00
SENSOR RESOLUTION	3840X2160
SENSITIVITY (lux)	0.001
PIXEL SIZE (μm)	2
FRAME RATE (Hz)	30
OBJECTIVE LENS	70
OPTICAL ZOOM (x)	5.6x
DIGITAL ZOOM (x)	2x/3x/4x
FIELD OF VIEW	
HORIZONTAL	3.3° Horizontal
VERTICAL	3.3° Vertical
DIAGONAL	4.6° Diagonal
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	Red/White/Yellow/Green
COLOR MODE	Color/Mono BW/Mono Green/Mono Yellow
PHOTO RESOLUTION	1536x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	1440x1080
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	1000
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 18650*1
OPERATING TIME(H)	≤5
DEGREE OF PROTECTION	IP67
OPERATING TEMP (°C/°F)	-30 ~ +55 / -22 ~ +131
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminum Alloy
OBJECTIVE LENS	Glass
WEIGHT WITHOUT BATTERY (G)	733.5g

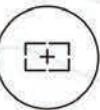


# NVOO8SP2

## NIGHTVISION SCOPE



NIGHT VISION  
CATEGORY



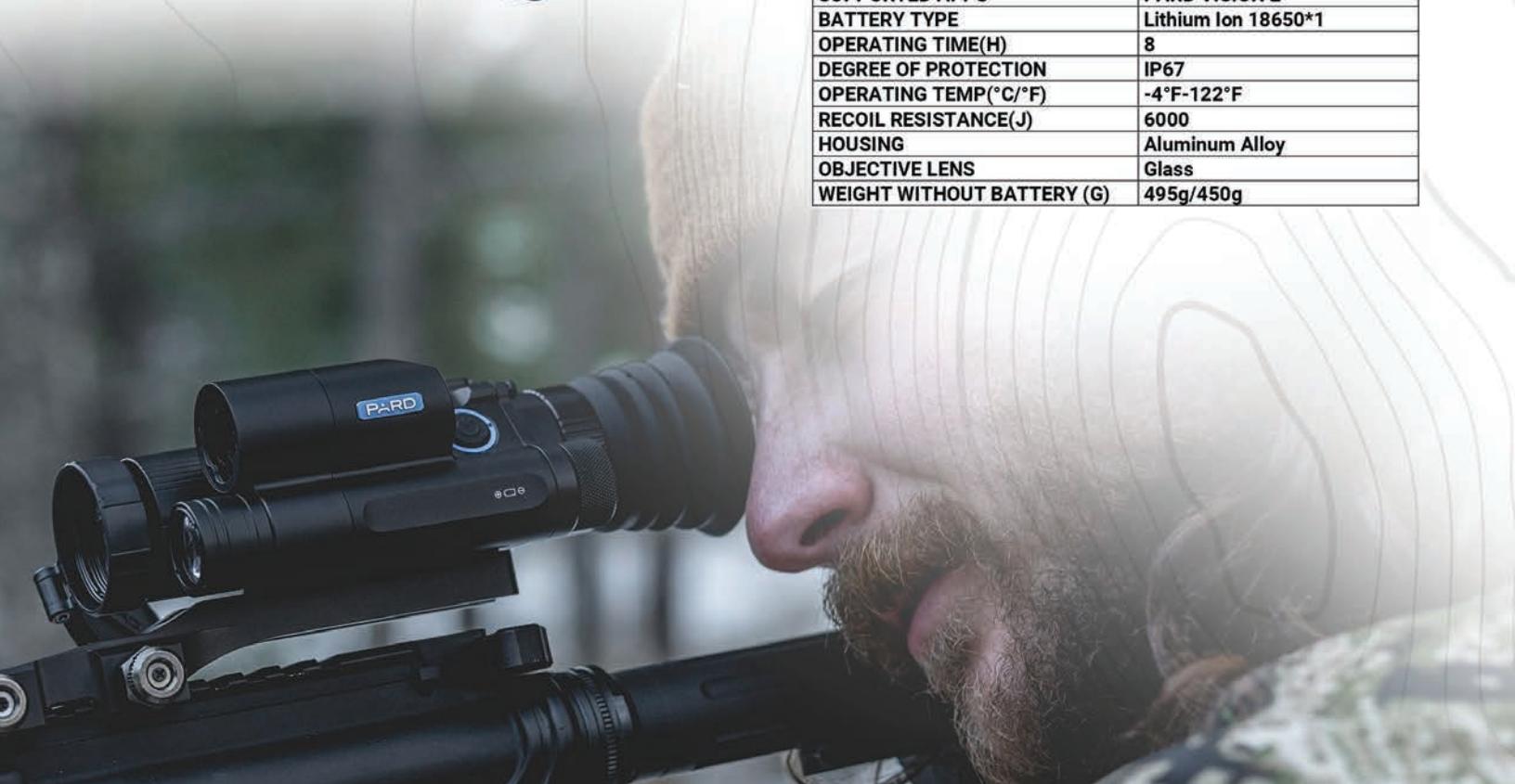
DIGITAL ZOOM,  
OPTICAL ZOOM



COLOR: 60Hz/B&W: 30Hz  
FRAME RATE



WI-FI  
CONNECTION



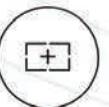
UPC	850050408178
MSRP	\$799.00
SENSOR RESOLUTION	2688x1520
SENSITIVITY (lux)	0.001
PIXEL SIZE (μm)	2.9
FRAME RATE (Hz)	30/60
OBJECTIVE LENS	50/70
OPTICAL ZOOM (x)	4.5x/6.5x
DIGITAL ZOOM (x)	2x
FIELD OF VIEW	
HORIZONTAL	6.4°/ 4.6° Horizontal
VERTICAL	4.8°/ 3.4° Vertical
DIAGONAL	8.6°/ 5.7° Diagonal
EYE RELIEF (MM)	35
DISPLAY RESOLUTION	1440x1080
RETICLE STYLES	6
RETICLE COLORS	Red/White/Yellow/Green
COLOR MODE	Color/Black/white
PHOTO RESOLUTION	N/A
PHOTO FORMAT	N/A
VIDEO RESOLUTION	1440x1080
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (nm)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 18650*1
OPERATING TIME(H)	8
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-4°F-122°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminum Alloy
OBJECTIVE LENS	Glass
WEIGHT WITHOUT BATTERY (G)	495g/450g

# MERLIN

## NIGHTVISION BINOCULAR



NIGHT VISION  
CATEGORY



DIGITAL ZOOM,  
OPTICAL ZOOM



50 Hz  
FRAME RATE



WI-FI  
CONNECTION



MSRP	\$199.00
SENSOR RESOLUTION	1920*1080
NETD	N/A
PIXEL SIZE (μm)	2.9
SENSITIVITY (lux)	.0001
FRAME RATE (Hz)	60(Color)/30(B&W)
OBJECTIVE LENS	35/50
OPTICAL ZOOM (x)	3.2/4.6
DIGITAL ZOOM (x)	2x
FIELD OF VIEW	
HORIZONTAL	6.8°/4.8°
VERTICAL	5.1°/3.6°
DIAGONAL	8.5°/6.0°
EYE RELIEF (MM)	N/A
DISPLAY RESOLUTION	640x480
RETICLE STYLES	N/A
RETICLE COLORS	N/A
COLOR MODE	Color/Black&White
PHOTO RESOLUTION	N/A
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	N/A
VIDEO FORMAT	.MP4
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (NM)	850/940
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-4°F-122°F
RECOIL RESISTANCE(J)	6000
HOUSING	AL6061 & Composite
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	441.6g



**THERMAL**

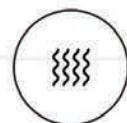
FF

PARD thermal scopes offer highperformance 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 heatsignatures at long distances.”

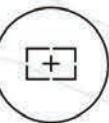
*- Tate Mackey*

# LEOPARD 256

## THERMAL MONOCULAR



Thermal Vision Category



Digital Zoom, Optical Zoom



Frame Rate



Wi-Fi Connection



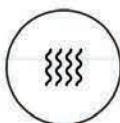
- ▲ COMPACT DESIGN: 300G, 172X36X48MM
- ▲ HIGH SENSITIVITY SENSOR: NETD ≤ 25MK
- ▲ 256\*192 RESOLUTION SENSOR, 12μm

UPC	850050408895
MSRP	\$649.00
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
FIELD OF VIEW	
HORIZONTAL	15.9°
VERTICAL	12°
DIAGONAL	19.8°
EYE RELIEF (MM)	20
DISPLAY RESOLUTION	1024X768
RETICLE STYLES	N/A
RETICLE COLORS	
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1024X768
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	1024X768
VIDEO FORMAT	.MP4
STORAGE	Built-in EMMC (32 GB)
LRF DETECTION DISTANCE (m/yd)	N/A
BALLISTIC CALCULATOR	NO
PIP MODE	NO
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	300g

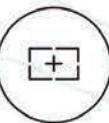


# OCELOT 256

## Thermal Scope



Thermal Vision Category



Digital Zoom, Optical Zoom



Frame Rate



Wi-Fi Connection



▲ COMPACT DESIGN

▲ 256X192 RESOLUTION SENSOR

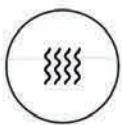
▲ HIGH-SENSITIVITY SENSOR (NETD ≤ 20 MK)

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
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
COLOR MODE	WT-HOT/BK-HOT/EDGE/RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	768x768
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	N/A
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	709g

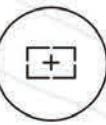


# HARRIER SERIES

## Thermal Binocular



Thermal Vision Category



Digital Zoom, Optical Zoom



Frame Rate



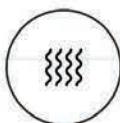
Wi-Fi Connection



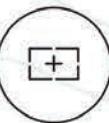
UPC	850050408116
MSRP	\$2999-\$3999
SENSOR RESOLUTION	480x360 / 640x512
NETD	≤20mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	2.4x
DIGITAL ZOOM (x)	2x/4x/8x
FIELD OF VIEW	
HORIZONTAL	9.4°
VERTICAL	7.1°
DIAGONAL	11.8°
EYE RELIEF (MM)	25
DISPLAY RESOLUTION	640x480
RETICLE STYLES	N/A
RETICLE COLORS	N/A
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	2048x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	1024x768
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium 21700x1
OPERATING TIME(H)	8
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Composite Material
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	553.5g

# OCELOT SERIES

## THERMAL SCOPE



Thermal Vision Category



Digital Zoom, Optical Zoom



Frame Rate



Wi-Fi Connection

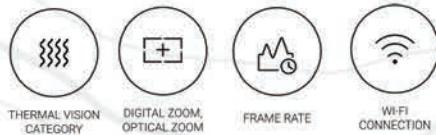


- ▲ TRUE CIRCULAR DISPLAY WITH 100MM EYE RELIEF DISTANCE
- ▲ 1200YDS LRF WITH BALISTIC CALCULATOR
- ▲ HIGH-SENSITIVITY SENSOR (NETD ≤ 20 MK)

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
COLOR MODE	WT-HOT/BK-HOT/EDGE/RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	768x768
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium 21700x1
OPERATING TIME(H)	≤5
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	616.5g/647g

# PANTERA SERIES

## THERMAL SCOPE



### PANTERA 640

UPC	850050408208
MSRP	\$1799-\$3999
SENSOR RESOLUTION	640x512
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
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	768x768
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium 21700x1
OPERATING TIME(H)	≤5
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	681.5g

### PANTERA 480

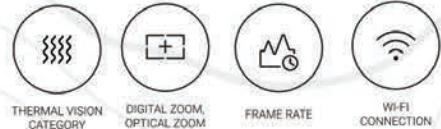
UPC	850050408208
MSRP	\$1799-\$3999
SENSOR RESOLUTION	480x360
NETD	≤20mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35/50
OPTICAL ZOOM (x)	3.8x
DIGITAL ZOOM (x)	2x/4x/6x/8x
FIELD OF VIEW	
HORIZONTAL	7.1°/5.0°
VERTICAL	7.1°/5.0°
DIAGONAL	10.0°/7.0°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	800x800
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	768x768
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium 21700x1
OPERATING TIME(H)	≤5
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	681.5g - 50mm / 622g - 35mm



- ▲ TRUE CIRCULAR DISPLAY WITH 100MM EYE RELIEF DISTANCE
- ▲ 200YDS LRF WITH BALISTIC CALCULATOR
- ▲ HIGH-SENSITIVITY SENSOR (NETD ≤ 20 MK)

# OCELOT & PANTERA ZOOM

## THERMAL SCOPES



Thermal Vision Category

Digital Zoom, Optical Zoom

Frame Rate

Wi-Fi Connection

- ▲ 1.3X-2.5X OPTICAL ZOOM
- ▲ 8X DIGITAL ZOOM
- ▲ 1200YDS LRF WITH BALISTIC CALCULATOR

### 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
COLOR MODE	WT-HOT/BK-HOT/EDGE/RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	768x768
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	709g

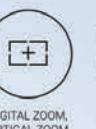
### PANTERA ZOOM

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
COLOR MODE	WT-HOT/BK-HOT/EDGE/RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	768x768
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium 21700x1
OPERATING TIME(H)	≤5
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	759g



# SPHINX 640

## THERMAL SCOPE

THERMAL VISION  
CATEGORYDIGITAL ZOOM,  
OPTICAL ZOOM

FRAME RATE

WI-FI  
CONNECTION

UPC	850050408888
MSRP	\$2,999.00
SENSOR RESOLUTION	≤20mK
NETD	≤35mK
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	
HORIZONTAL	12.5 ° Horizontal
VERTICAL	10 ° Vertical
DIAGONAL	16° Diagonal
EYE RELIEF (MM)	N/A
DISPLAY RESOLUTION	1280x720
RETICLE STYLES	6
RETICLE COLORS	(Red/White/Yellow/Green)
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1280x720
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	1280x720
VIDEO FORMAT	.MP4
STORAGE	Micro SD card(Max. 128)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 18650*1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminum Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	610g



# FT34

## THERMAL CLIP ON



Thermal Vision  
Category



Digital Zoom,  
Optical Zoom



Frame Rate



Wi-Fi  
Connection

UPC	850042449943
MSRP	\$2,899.00
SENSOR RESOLUTION	384x288
NETD	≤25mK
PIXEL SIZE (μm)	12x12
SENSITIVITY (lux)	N/A
FRAME RATE (Hz)	50
OBJECTIVE LENS	35
OPTICAL ZOOM (x)	1x
DIGITAL ZOOM (x)	N/A
FIELD OF VIEW	
HORIZONTAL	7.5°
VERTICAL	5.6°
DIAGONAL	9.4°
EYE RELIEF (MM)	30
DISPLAY RESOLUTION	1440x1080
RETICLE STYLES	6
RETICLE COLORS	Red/white/yellow/green
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	2592x1944
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	1024x768
VIDEO FORMAT	.MP4
STORAGE	TF card(128 GB,Max)
LRF DETECTION DISTANCE (m/yd)	1097m/1200yds
BALLISTIC CALCULATOR	YES
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion18650x1
OPERATING TIME(H)	5
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-4°F-122°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	417g



# PREDATOR 640

## THERMAL CLIP ON



Thermal Vision Category



Digital Zoom, Optical Zoom



Frame Rate



Wi-Fi Connection

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
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1440x1080
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	1024x768
VIDEO FORMAT	.MP4
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	NO
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion18650x1
OPERATING TIME(H)	5
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	424g



The background of the image is a dark, abstract camouflage pattern. It consists of irregular, organic shapes in various shades of brown, tan, and black, creating a mottled effect. The shapes are somewhat rounded and organic in form, typical of a military-style camouflage design.

**MULTI-SPECTRAL**

**FF** PARD multispectral scopes 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.”

*- David Stevens*

# LANDSAT COMPACT MULTI-SPECTRAL SCOPE



MULTI-SPECTRAL  
CATEGORY



DIGITAL ZOOM,  
OPTICAL ZOOM



6 RETICLE STYLES  
4 COLORS



WI-FI  
CONNECTION

## 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)
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	Thermal: 768x768/ Night Vision: 1440x1080
VIDEO FORMAT	.MP4
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	NO
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (NM)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	750g

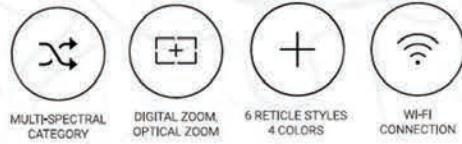
## LANDSTAT 640

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)
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	1536x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	Thermal: 768x768/ Night Vision: 1440x1080
VIDEO FORMAT	.MP4
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	NO
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (NM)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	785g



# TD32/TD62

## MULTI-SPECTRAL SCOPE



### 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)
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	2592x1944
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	Thermal: 1024x768/Night Vision: 1440x1080
VIDEO FORMAT	.MP4
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (NM)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	800g



### 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 LENS	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)
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	2592x1944
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	Thermal: 1024x768/Night Vision: 1440x1080
VIDEO FORMAT	.MP4
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	350
IR WAVELENGTH - (NM)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	800g



# OSPREY

## MULTI-SPECTRAL

### BINOCULAR



#### OSPREY 480

UPC	850050408826
MSRP	\$3,499.00
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	9.4°
VERTICAL	7.1°
DIAGONAL	11.8°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	640x480
RETICLE STYLES	N/A
RETICLE COLORS	N/A
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	Thermal: 2048x1536/ Night Vision: 2048x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	Thermal: 1024x768/ NightVision: 1920x1440
VIDEO FORMAT	.MP4
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (NM)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	704.5g



#### OSPREY 640

UPC	850050408307
MSRP	\$4,499.00
SENSOR RESOLUTION	640x512
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	12.5°
VERTICAL	10.0°
DIAGONAL	16.0°
EYE RELIEF (MM)	100
DISPLAY RESOLUTION	640x480
RETICLE STYLES	N/A
RETICLE COLORS	N/A
COLOR MODE	WT-HOT/BK-HOT/EDGE/ RD-HOT/IN-HOT/SKY
PHOTO RESOLUTION	Thermal: 2048x1536/ Night Vision: 2048x1536
PHOTO FORMAT	.JPG
VIDEO RESOLUTION	Thermal: 1024x768/ NightVision: 1920x1440
VIDEO FORMAT	.MP4
STORAGE	Micro SD (128GB MAX)
LRF DETECTION DISTANCE (m/yd)	1000m/1200yd
BALLISTIC CALCULATOR	NO
PIP MODE	YES
MICROPHONE	YES
SELF-ACTIVATED RECORDING	YES
AUTO RECORDING	YES
IR DISTANCE - METERS (M)	N/A
IR WAVELENGTH - (NM)	850
COMPASS/GYROSCOPE	YES
USB TYPE C	YES
WIFI	YES
HDMI OUTPUT	YES
SUPPORTED APPS	PARD VISION 2
BATTERY TYPE	Lithium Ion 21700x1
OPERATING TIME(H)	≤6
DEGREE OF PROTECTION	IP67
OPERATING TEMP(°C/°F)	-22°F-131°F
RECOIL RESISTANCE(J)	6000
HOUSING	Aluminium Alloy
OBJECTIVE LENS	All-glass multi-coated lens
WEIGHT WITHOUT BATTERY (G)	704.5g







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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 product designs to meet customer requirements, and a dedication to quality.

### **CONTACT US TODAY AT:**

**PARD USA**

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Reno, NV 89509

**Toll Free: +1 800-986-4370**

**Office: +1 775-815-4319**

Visit our website at  
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## **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 or 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.

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# NOTES

# NOTES



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