

THERMION

Thermal imaging riflescope

Boasting state-of-the-art design and the latest in advanced technological innovations, the Pulsar Thermion delivers the premium thermal imaging you've come to expect from us, but on a traditional-style aircraft-grade 30mm-tube. Thermion Thermal Riflescopes are available in flagship 640x480 microbolometer sensor resolution with a 17 μ pixel pitch, 384x288 microbolometer sensor resolution with a 17 μ pixel pitch and 320x240 microbolometer sensor resolution with 12 μ pixel pitch, each with a heat signature detection range up to 2,000 yards (1800m). Thermion devices are recoil rated up to .375 H&H and 12-gauge, IPX7 waterproof and submersible in up to 3 feet of water for 30 minutes. The Thermion's HD AMOLED display packs rich, customizable imaging with an 8-color palette, picture-in-picture, 8x digital zoom and multiple reticles in four color options: black, red, white and green. While a rechargeable battery provides long-lasting performance, onboard video and still image recording in .mp4 and .jpg formats to a robust 16gb internal storage ensures you can relive all the thermal action later. User-friendly digital controls make setup and on-the-fly customizing easy. The Thermion's Wi-Fi connectivity via the Stream Vision app makes using a smartphone or tablet as a second display and remote control easy. Connected devices can even be used for firmware upgrades, data transfers and for streaming video.



Features

- Extreme Detection Range 1800m (2,000 Yds)
- High Definition image
- Variable Digital Zoom
- Recoil Rated up to .375 H&H, 12-Gauge and 9.3x64
- Mounts on Standard 30mm Scope Rings
- Instant Start-up
- Rugged, Reliable All-Metal Housing
- IPX7 Waterproof Rated
- Zeroing Profiles Management
- Customizable Reticle Options
- Full-Color, HD AMOLED Display
- Video and Still-Photo Recording
- Picture-in-Picture
- Color Palettes
- Stream Vision App Supported
- Upgradable Functional
- User Friendly Controls
- B-Pack Mini Combined Power System



THERMION Technical specifications

	Thermion XM38	Thermion XM50	Thermion XQ38	Thermion XQ50	Thermion XP38	Thermion XP50
Model # (SKU)	76525	76526	76522	76523	76542	76543
Type of Microbolometer	Uncooled	Uncooled	Uncooled	Uncooled	Uncooled	Uncooled
Frame Rate, Hz	50	50	50	50	50	50
Microbolometer resolution, pix.	320x240	320x240	384x288	384x288	640x480	640x480
Pixel Pitch, µm	12	12	17	17	17	17
Display type	AMOLED	AMOLED	AMOLED	AMOLED	AMOLED	AMOLED
Display Resolution, pix.	1024x768	1024x768	1024x768	1024x768	1024x768	1024x768
Integrated video recorder	yes	yes	yes	yes	yes	yes
Built-In Memory, Gb	16	16	16	16	16	16
Format of video file	MPEG-4 1024x768	MPEG-4 1024x768	MPEG-4 1024x768	MPEG-4 1024x768	MPEG-4 1024x768	MPEG-4 1024x768
Format of photo files	JPEG 1024x768	JPEG 1024x768	JPEG 1024x768	JPEG 1024x768	JPEG 1024x768	JPEG 1024x768
Micro USB Socket	Power/Data	Power/Data	Power/Data	Power/Data	Power/Data	Power/Data
Magnification	4-16	5.5-22	2.5-10	3-12	1.5-12	2-16
Digital zoom, x	2/4	2/4	2/4	2/4	2/4/8	2/4/8
Lens focus, mm	38	50	38	50	38	50
Relative aperture, D/f'	1:1,2	1:1,2	1:1,2	1:1,2	1:1,2	1:1,2
Field of View,°, horizontal	5.8	4.4	9.8	7.5	16.3	12.4
Minimum focusing distance, m	5	5	5	5	5	5
Eye Relief, mm	50	50	50	50	50	50
Diopter adjustment, dptr.	-3/+5	-3/+5	-3/+5	-3/+5	-3/+5	-3/+5
Detection range, m (object (human = 1,7*0,5m)	1700	2300	1350	1800	1350	1800
Battery type	Combined internal Li-ion and external APS battery	Combined internal Li-ion and external APS battery	Combined internal Li-ion and external APS battery	Combined internal Li-ion and external APS battery	Combined internal Li-ion and external APS battery	Combined internal Li-ion and external APS battery
External Power Supply	USB 5V	USB 5V	USB 5V	USB 5V	USB 5V	USB 5V
Windage & Elevation, 1 click (H/V), mm/100m	10/10	7/7	17/17	13/13	28/28	21/21
Reticle adjustment range, H/V, mm/100m	2000/2000	1400/1400	3400/3400	2600/2600	5600/5600	4200/4200
Reticle Type	electronic	electronic	electronic	electronic	electronic	electronic
Body Material	metal	metal	metal	metal	metal	metal
Operating Temp,°C	-25/+50	-25/+50	-25/+50	-25/+50	-25/+50	-25/+50
Waterproofness, yes/no	Waterproof IPX7	Waterproof IPX7	Waterproof IPX7	Waterproof IPX7	Waterproof IPX7	Waterproof IPX7
Calibration	manual, auto semi-auto	manual, auto semi-auto	manual, auto semi-auto	manual, auto semi-auto	manual, auto semi-auto	manual, auto semi-auto
Shockresistance on rifled weapon, J	6000	6000	6000	6000	6000	6000
Mounting brackets on weapon	30 mm rings	30 mm rings	30 mm rings	30 mm rings	30 mm rings	30 mm rings
Length, mm	394	402	395	402	394	402
Width, mm	78	78	78	78	78	78
Height, mm	72	80	72	80	80	80
Weight (without batteries), kg	0,75	0,9	0,75	0,9	0,75	0,9
Zeroing profiles	5 profiles	5 profiles	5 profiles	5 profiles	5 profiles	5 profiles
Zeroing distances	10 per profile	10 per profile	10 per profile	10 per profile	10 per profile	10 per profile
Defective pixel repair option	yes	yes	yes	yes	yes	yes
Integrated Wi-Fi module	yes	yes	yes	yes	yes	yes
Stream Vision free app support	yes	yes	yes	yes	yes	yes
The operation modes	rocks, forest, identification user mode	rocks, forest, identification user mode	rocks, forest, identification user mode	rocks, forest, identification user mode	rocks, forest, identification user mode	rocks, forest, identification user mode

THERMION Dimesions

Measurements are shown in millimeters

