

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, 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



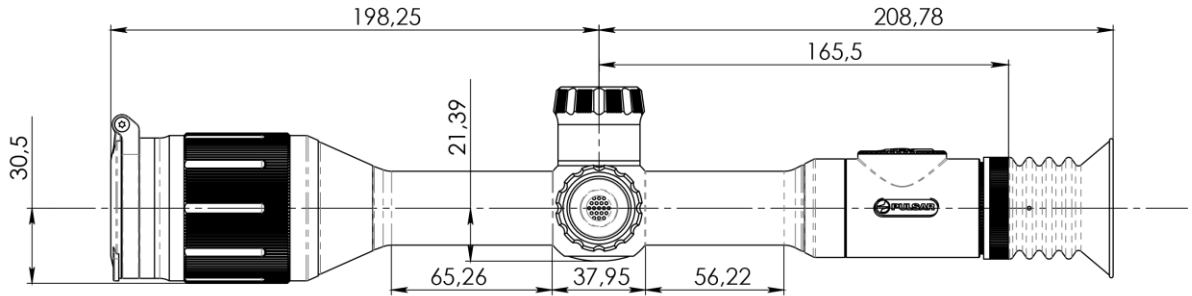
THERMION Technical specifications

	Thermion XM30	Thermion XM38	Thermion XM50	Thermion XP38	Thermion XP50
Model # (SKU)	76524	76525	76526	76542	76543
Type of Microbolometer	Uncooled	Uncooled	Uncooled	Uncooled	Uncooled
Frame Rate, Hz	50	50	50	50	50
Microbolometer resolution, pix.	320x240	320x240	320x240	640x480	640x480
Pixel Pitch, μm	12	12	12	17	17
Display type	AMOLED	AMOLED	AMOLED	AMOLED	AMOLED
Display Resolution, pix.	1024x768	1024x768	1024x768	1024x768	1024x768
Integrated video recorder	yes	yes	yes	yes	yes
Built-In Memory, Gb	16	16	16	16	16
Format of video file	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
Micro USB Socket	Power/Data	Power/Data	Power/Data	Power/Data	Power/Data
Magnification	3.5-14	4-16	5.5-22	1.5-12	2-16
Digital zoom, x	2/4	2/4	2/4	2/4/8	2/4/8
Lens focus, mm	30	38	50	38	50
Relative aperture, D/f'	1:1,25	1:1,2	1:1,2	1:1,2	1:1,2
Field of View,°, horizontal	7.3	5.8	4.4	16.3	12.4
Minimum focusing distance, m	7	5	5	5	5
Eye Relief, mm	50	50	50	50	50
Diopter adjustment, dptr.	-3/+5	-3/+5	-3/+5	-3/+5	-3/+5
Detection range, m (object (human = 1,7*0,5m)	1300	1700	2300	1350	1800
Battery type	Combined internal 18650 Li-ion and external 18500 Li-ion	Combined internal 18650 Li-ion and external 18500 Li-ion	Combined internal 18650 Li-ion and external 18500 Li-ion	Combined internal 18650 Li-ion and external 18500 Li-ion	Combined internal 18650 Li-ion and external 18500 Li-ion
External Power Supply	USB 5.0V	USB 5.0V	USB 5.0V	USB 5.0V	USB 5.0V
Windage & Elevation, 1 click (H/V), mm/100m	12/12	10/10	7/7	28/28	21/21
Reticle adjustment range, H/V, mm/100m	2400/2400	2000/2000	1400/1400	5600/5600	4200/4200
Reticle Type	electronic	electronic	electronic	electronic	electronic
Body Material	metal	metal	metal	metal	metal
Operating Temp,°C	-25/+50	-25/+50	-25/+50	-25/+50	-25/+50
Waterproofness, yes/no	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
Shockresistance on rifled weapon, J	6000	6000	6000	6000	6000
Mounting brackets on weapon	30 mm rings	30 mm rings	30 mm rings	30 mm rings	30 mm rings
Length, mm	387	394	402	394	402
Width, mm	78	78	78	78	78
Height, mm	63	64	64	64	64
Weight (without batteries), kg	0,75	0,75	0,9	0,75	0,9
Zeroing 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
Defective pixel repair option	yes	yes	yes	yes	yes
Integrated Wi-Fi module	yes	yes	yes	yes	yes
Stream Vision free app support	yes	yes	yes	yes	yes
The operation modes	rocks, forest, identification	rocks, forest, identification	rocks, forest, identification	rocks, forest, identification	rocks, forest, identification

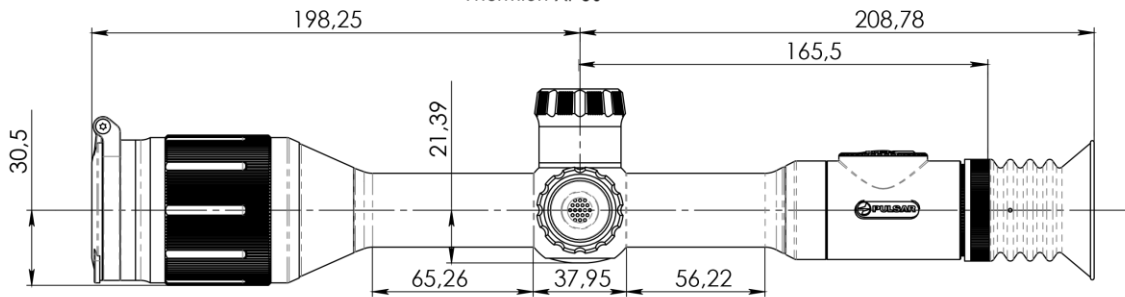
THERMION Dimesions

Measurements are shown in millimeters

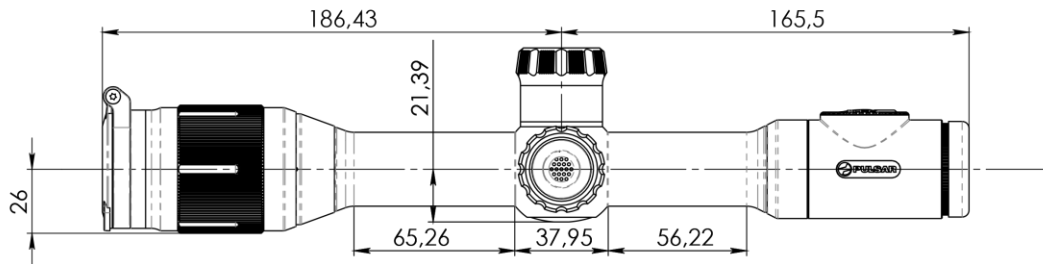
Thermion XP38



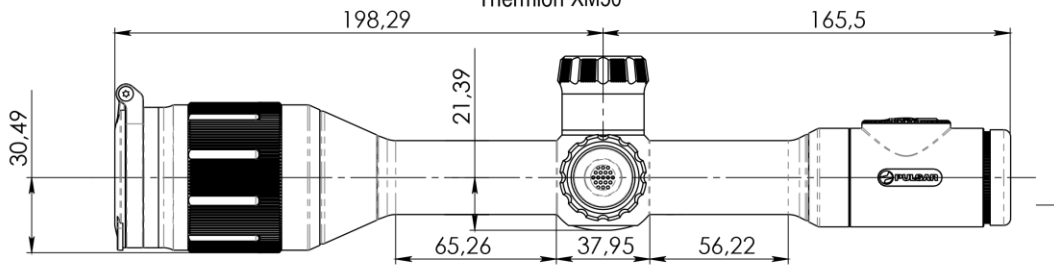
Thermion XP50



Thermion XM38



Thermion XM50



Thermion XM30

