

# THERMION DUO DXP

Multispectral Riflescope

MULTISPECTRAL  
IMAGING

## Technical Specifications

Model	Thermal Channel	Daylight Channel
Sensor Resolution (px)	640×480	3840×2160
Sensor Type	Uncooled ASi	4K CMOS
Display Resolution (px)	1024×768	
Display Type	AMOLED HD	
Frame Rate (Hz)	50	
Sensor NETD (mK)	<25	
Pixel Pitch (µm)	17	
Objective Lens	F50/1.0	F35/4.34
Magnification (x)	2-16	4-32
Field Of View (°)	12.4	6.1
Detection Range (yds/m)	1968 / 1800	
Built-in Memory (MB)	16	
Battery Type	Li-Ion APS2 (external) Li-Ion APS5 (internal)	
Battery Life (hrs)	6	
External Power Supply	5V, 9V (USB-C)	
Operating Temperature (°F/°C)	-13 - 122° / -25 - 50°	
IP Rating	IPX7	
Dimensions (in/mm)	16.5×3×3.3 / 420×78×83.5	
Body Material	Aluminum Alloy	
Weight (oz/kg)	33.8 / 0.96	



## Features

- Day & night use
- 4K full-color sensor for daytime hunting
- Extended battery life
- 640x480 @ NETD < 25 mK high-sensitivity thermal imaging sensor
- Fast aperture F50/1.0 thermal lens
- Advanced image processing: enhanced detail, clarity & contrast
- Combined multispectral viewing modes
- One-shot freeze zeroing in thermal & digital channels
- 1900+ yd thermal detection range day & night
- Full-featured: video recording, WiFi, Stream Vision 2 app compatibility
- High-contrast AMOLED Display
- 8 Color palettes
- IPX7 Fully waterproof