

Trijicon® SkeetIR™ x

MICRO THERMAL MONOCULAR

PROVEN PERFORMANCE.

The Trijicon® SkeetIR™ x is a miniature, multi-purpose thermal optic that is small enough to use as a helmet-mounted observation device, yet powerful enough to use as a clip-on or stand-alone thermal rifle scope.

SMALL, LIGHT, DURABLE

A compact, lightweight thermal monocular designed and constructed for years of worry-free use, and tested to MIL-STD-810G.

MULTI-PURPOSE

Extremely versatile system that quickly transitions from handheld to rifle-mounted to helmet-mounted.

USER-FRIENDLY

Intuitive user interface that is consistent across all Trijicon® OASYS products minimizes training requirements.



APPLICATIONS

- Covertly finding and locating objects without visible light
- Hot spot and disturbed surface detection
- First responder, search and rescue, and law enforcement
- Crime scene investigation
- Officer safety and protection



Trijicon® SkeetIR™ x Product Specifications:

WEIGHT AND DIMENSIONS	Color	Black
	Weight (without batteries)	8.6 oz (244g)
	Length	4.0 in. (102mm) (without lens cover or eyecups)
	Width	2.4 in. (61mm)
POWER	Height	1.7 in. (44mm)
	Power source	(1) CR 123 lithium battery or USB outlet
	Power up	3 sec
ENVIRONMENT	Battery operating life @25°C	2.0 hrs @ 60Hz
	Operating temp	-40°F (-40°C) to 140°F (60 °C)
	Storage temp	-40°F (-40°C) to 160°F (71 °C)
	Immersion	66 ft.
IMAGING CHARACTERISTICS	Climatic zones	Hot, basic
	Optical focus	Manual
	Diopter adjust	Manual
	Optical magnification	1X
	Digital magnification	0.5X and 2X
	Field of view	28.1° diagonal (22.7° horizontal x 17.2° vertical)
	Optical co-use	Unity up to ≤ 5x
	Minimum focus distance	500mm
	Range (NVTherm model)	80% probability (60Hz), 0.75m ² size target
	Detect	910m
	IR camera	
	Sensor	Uncooled microbolometer
	Wavelength	8-12 μm
Pixel pitch	17 μm	
Pixel format	640 x 480 array	
Refresh rate	30/60Hz dual mode	
NEdT	< 50mK @ F/1	
Display		
Color	Monochrome	
Size	640 x 480	
Eye relief distance	20mm	
Diopter adjustment	+/- 2.0 diopters	
COMPASS	Digital magnetic compass	Yes

POINTERS	IR laser pointer	
	Class	1
	Power level	0.7mW
	Wavelength	840-860nm
	NOHD (unaided)	39m
	NOHD (5cm unaided)	232m
	NOHD (12cm unaided)	556m
	Diffuse NOHD	0m
IMAGE STORAGE	OD (unaided)	N/A
	NSHD	0m
	Capability	100 snapshots
WEAPON MOUNT/ ACCURACY INFORMATION	Image format	8-bit uncompressed raw binary file
	Weapon mount format	M1913 Picatinny Rail
	Weapon mount	Included: Wilcox® Shoe interface Optional: Wilcox® Flip to Side rifle mount
	Aim point	3 to 4 MOA
	Eye-piece centerline height (from top of rail)	1.533 in. (Note: flip mount accounts for 0.325 in. of that height)



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EXPORT
WARNING

Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State, Directorate of Defense Trade Controls as proscribed in the International Traffic in Arms Regulations (ITAR), Title 22 Code of Federal Regulation, Parts 120-130.