

Trijicon® UTM™x

UNIVERSAL THERMAL MONOCULAR

RAPID DETECTION—DAY OR NIGHT.

The Trijicon® UTM™x is a high performance, versatile thermal optic capable of observation, dedicated rifle, and clip-on rifle use. The 640x480 thermal image sensor enables detection in excess of 1,000 meters.

MULTI-PURPOSE

Easily transition between observation, dedicated rifle, or clip-on use.

HIGH PERFORMANCE

640x480 thermal image sensor and 60 Hz system refresh rate provide impressive image quality.

USER-FRIENDLY

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



APPLICATIONS

- Detecting 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® UTM™ x Product Specifications:

WEIGHT AND DIMENSIONS	Color	Black
	Weight (without batteries)	17.9 oz. (506g)
	Length	5.8 in. (147mm)
	Width	3.2 in. (81mm)
IMAGING CHARACTERISTICS	IR camera	
	Sensor	Uncooled microbolometer
	Wavelength	8-12 μm
	Pixel pitch	17 μm
	Pixel format	640 x 480 array
	Refresh rate	30 / 60Hz
	NEdT	< 50mK @ F/1
	Range (NVTherm model)	80% positive (60Hz), 0.75 m ² size target
	Detect	1010
	Display	
	Color	Monochrome
	Size	640 x 480
	Optical Magnification	1x
	Digital magnification	0.5x and 2x
	Field of view	19.2° diagonal (15.4° horizontal x 11.6° vertical)
	Optical co-use	Unity up to ≤ 5X
	Eye relief distance	20mm
	Light guard	Eyecups
	Dioptr adjust	Manual
	Dioptr adjustment	+/- 2 diopter
POWER	Power source	(1) or (2) CR 123 lithium battery
	Power up	3 sec
	Battery operating life @25°C	2.25 hr (1 battery) 5.5 hours (2 batteries)
ENVIRONMENT	Operating temp	-25°F (-32°C) to 122°F (50 °C)
	Storage temp	-40°F (-40°C) to 160°F (71 °C)
	Immersion	33 ft.
Climatic zones	Hot, basic	
COMPASS	Digital magnetic compass	Yes
POINTERS	Visible pointer	
	Class	3B
	Power level	Tactical: 35mW
	Beam divergence	0.125-0.75 mrad @1/e
	Wavelength	625-645nm
	NOHD (unaided)	294m
	NOHD (5 cm aided)	1992m
	NOHD (12 cm aided)	4780m
	Diffuse NOHD	0 m
	OD (unaided)	2.0
OD (aided)	2.0	
NSHD	2m	
POINTERS (CONT.)	IR pointer: low-training / high-tactical	
	Class	1/3B
	Power level	Training: 0.7mW / Tactical: 30mW
	Beam divergence	0.125-0.75 mrad @1/e
	Wavelength	840-860nm
	NOHD (unaided)	10m / 86m
	NOHD (5 cm aided)	58m / 512m
	NOHD (12 cm aided)	139m / 1227m
	Diffuse NOHD	0 m
	OD (unaided)	None / 2.0
OD (aided)	None / 2.0	
NSHD	0 m / 3m	
DUAL POINTERS	Visible and IR high-tactical	
	NOHD (unaided)	367m
	NOHD (5 cm aided)	2430m
	NOHD (12 cm aided)	5833m
	Diffuse NOHD	0m
	OD (unaided)	2.0
OD (aided)	2.0	
NSHD	4m	
IMAGE STORAGE	Capability	100 snapshots
	Image format	8-bit uncompressed raw binary file
WEAPON MOUNT/ ACCURACY INFORMATION	Weapon mount format	MIL-STD M1913 Picatinny Rail
	Weapon mount	Included: Wilcox® Shoe Interface Optional: Wilcox® Flip to Side rifle mount
	Aim point	2 to 3 MOA
	Eyepiece centerline height (from top of rail)	1.576 in. (Note: flip mount accounts for 0.325 in. of that height)



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