

XACT *th*

Lightweight Shutter-less Uncooled Thermal Weapon Sight Product Family



The lightweight XACT *th* family of high-performance uncooled thermal weapon sights features excellent thermal sensitivity for target recognition in total darkness or in obscured daylight conditions. The XACT *th* products offer completely digital operation and display, further enhancing detection and high-precision shooting by direct observation. The sight is a fully automatic NUC-less and shutter-less solution, which enables continuous operation without the need to calibrate. Hand-held or weapon-mounted, the XACT *th* is sealed in a metal housing and water submersible up to 20 meters, which makes it especially suitable for special operations.

The advanced sight is also available as a clip-on solution, which allows the user to seamlessly move from day to night operation without the need for boresight realignment.

Elbit Systems™

Security & Tactical EO Solutions – ELSEC

XACT *th*

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Main Features

- Shutter-less uncooled thermal engine
- Lightweight and compact
- High performance detection and recognition
- Water-submersible to 20 meters
- Robust metal housing
- Spectral Band: 7 - 14μm
- Sensor Array: 640x480
- Pixel Size: 17μm
- Low battery indication
- MIL-STD-810F

Benefits

- Maximized target engagement
- Suitable for multi-mission scenarios
- Extended usage time
- Clip-on solution for existing systems
- Simple support and maintenance requirements



	XACT <i>th</i> 64	XACT <i>th</i> 65	XACT <i>th</i> 68	XACT <i>th</i> 70
Description	Marksman lightweight, medium-range, uncooled thermal weapon sight	Marksman, lightweight, medium-range, uncooled clip-on weapon sight	Ultra-lightweight, short/medium-range, uncooled thermal weapon sight	Sniper lightweight thermal clip-on sight for long-range targets
System	(640)			
FOV	12°x9°	10°x7°	27°x20.2°	6.1°x4.6°
Physical Dimensions				
Weight (w/o batt. and weapon adapter)	610gr.	450gr.	400gr.	1.1kg
Length	159mm	150mm	126mm	203mm
Width	86mm	80mm	68mm	97mm
Height	76mm	60mm	70mm	96mm
Batteries run time	>9h	>4.5h	>4h	>9h
Target Ranges	(50mm)			
 Human Detection	1300m	1500m	600m	2000m
Human Recognition	600m	650m	350m	1200m
 Nato armored Vehicle Detection	2400m	2800m	1500m	3400m
Vehicule Recognition	1400m	1700m	650m	2100m