



X26 Advanced Thermal Weapon Sight

- Day and Night Capable
- 320x240 Thermal Sight
- Long-Range Engagements
- 30Hz Real-time Imaging
- Choice of Reticles



The X26 is a rugged, lightweight and powerful Thermal Weapon Sight with a quickrelease 1913 mount. Made for military, law enforcement, commercial and private use, the X26 is ideal for long-range target engagements in excess of 1 kilometer as well as reconnaissance and surveillance, perimeter security, wildlife observation and control, and a wide variety of other applications. While night vision technology relies on amplification of ambient light or assisting illumination, thermal devices are completely passive, sensing extremely minute temperature differentials. The rugged X26 combines a highly sensitive, 30 μ m, 320x240 uncooled, Amorphous Silicon Microbolometer Detector with real-time image processing, a 640x480 LED display, and the proprietary electronics sealed in a lightweight, waterproof housing. Sensitive to less than 50mK, the detector's 7-14 μ m spectral response ensures the widest possible thermal coverage. The 12°x9° field of view provided by the high-grade germanium lens facilitates detection of human activity up to 1015 meters. The X26 Thermal Weapon Sight acquires targets in daylight and complete darkness

while "seeing through" obscurants such as smoke and haze which often hinder image intensification devices. With four standard electronically-adjusted reticles plus the option to add reticles of choice, the X26 ensures potent long-range thermal surveillance and engagements. The sensitive, uncooled thermal detector combined with a high resolution display provides crisp "white hot" or "black hot" images regardless of ambient conditions. A colorized capability is available at user request. Additional integrated features include a proximity sensor-triggered, power conserving Standby Mode; shortcut key for quick access to "Favorites" settings; multiple memory locations for reticles and settings; focus, brightness and contrast adjustments; whitehot/ black-hot polarity and digital zoom controls; and NTSC or PAL video-out capability. Powered by internal batteries or a 12v external power source, the X26 converts to a hand-held monocular with built-in tripod mount and optional hand strap to ensure easy and stable use. The X26 is the perfect all-weather, all-condition, long-range Thermal Weapon Sight.

SIERRA PACIFIC INNOVATIONS



A powerful thermal weapon

sight for day and night use

in virtually any environ-

ment. Multiple standard

and optional reticles con-

figured to shooter's choice.

NTSC or PAL video output.

Lightweight system includes

quick-release 1913 Mount.





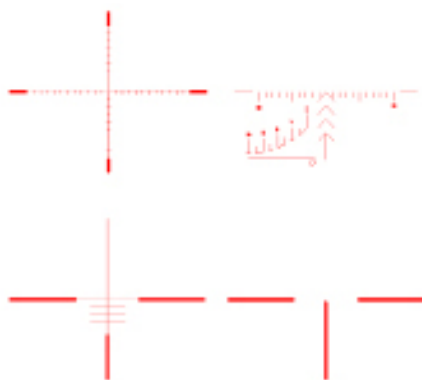
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Reticle Patterns



Advanced Features

- Quick shortcut key access to “Favorites” settings
- Reticle memorization
- Backlight adjustment
- Power-conserving “Standby” mode
- Side Accessory Mount
- Tripod Mount for Monocular

Specifications...

Detector

FPA Format: 320 x 240

Type and Material: Amorphous Silicon

Microbolometer Cooling: Uncooled

Spectral Response Sensitivity: 7—14 μm

NETD (Thermal Sensitivity): <50mk

Refresh Rate: Real-time 30 Hz

Performance

Detect Human Activity: Up to 1000 meters

Optics: f1.2, Manual Focus

Field of View (standard): 12° x 9°

Continuous Operation: 6+ Hours

Physical Features

Diopter Adjustment: -6 to +2

Eye Relief: 27mm

Weight: 700gr (25 oz)

Dimensions: 205x65x72mm (8x2.6x2.8in)

Power Requirement: (4) CR123 Batteries

or 9-28v DC External Power Supply

Lens: High Grade Germanium

Eyepiece Adjustment: Manual Focus

Video Output: NTSC (STD) or PAL

Mount: Quick-Release 1913 Mount

Waterproof: YES

Graphical Features

Polarity Control: Black Hot/White Hot

Temperature Reading: YES

Colorization: Monochrome (color optional)

Additional Features

Brightness & Contrast Controls

Electronically Adjustable Reticles

Digital Zoom

Multiple graphical adjustments

INCLUDED

X26 Thermal Weapon Sight
 Travel / Storage Case
 CR123 Batteries
 Lens Tissue
 Eye Cup
 Lens Cap
 Operating Manual
 Video Output Cable (VOC)
 External Power Adaptor
 Soft carrying Case
 Hand Strap



6620 S. Tenaya Way #100
 Las Vegas NV 89113
 p. (702)369-3966
 f. (702)369-3977