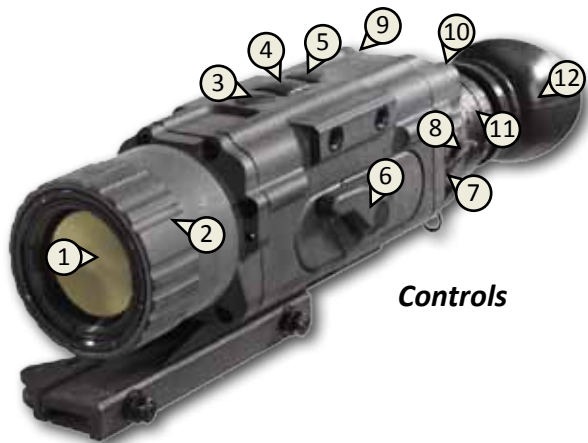




X26 Thermal Rifle Scope Operator's Quick Guide



Controls

1	Objective Lens	7	External Power Source Plug
2	Objective Lens Focusing Ring	8	Video Output
3	a. Zoom Button b. Scroll UP (in Main Menu Mode)	9	Proximity Sensor
4	Main Menu Button	10	ON/OFF Button
5	a. Polarity Control Button b. Scroll DOWN (in Main Menu Mode)	11	Diopter Ring Adjuster
6	Battery Compartment	12	Eye Cup

Technical 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 30Hz
Performance	
Detect Stationary Man	1000 meters +
Optics	50mm Focal Length, Manual Focus
Weapon Sight	1X, 2X and 4X
Field of View (Standard)	12° x 9°
Continuous Operation	4+ Hours
Physical Features	
Diopter Adjustment	-6 to +2
Eye Relief	27mm
Weight	700 gr. (25 oz.)
Dimensions	205 x 65 x 72 mm (8 x 2.6 x 2.8 in) or 9-28v DC External Power Supply
Power Requirement	(4) CR123 Batteries
Lens	High Grade Germanium
Eyepiece Adjustment	Manual Focus
Waterproof:	YES
Additional Controls	Brightness & Contrast
Additional Features	
Polarity Control	Black Hot / White Hot
Display	640 x 480 Pixels
Temperate Reading	Yes (Optional)
Colorization	Monochrome (Color Optional)
Video Output	NTSC (STD) PAL (On Request)

*The X26 Thermal Rifle Scope is to be used as a weapon sight at 1X magnification only. Additional magnification options are for optical purposes only.

Troubleshooting

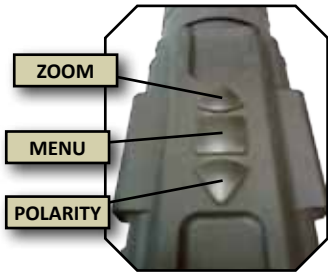
Symptom	Probable Cause	Corrective Action
Unit will not turn on	a. Discharged batteries b. Batteries installed backwards	a. Replace & discard batteries b. Reinstall with proper orientation.
Unit will not turn on	Defective Power Supply, FPA or Viewer	Return to SPI for repair
No Display through eyepiece	Defective FPA or Viewer	Return to SPI for repair
Optical Surfaces contain scratches or cracks which hinder vision with device turned on, or cracks are present	Damaged lenses	Return to SPI for repair
Device housing cracked or damaged	Misuse/abuse	Return to SPI for repair
Defective low-battery detection capability	a. LED dislodged b. Defective LED indicator	Return to SPI for repair
Diopter adjustment cannot be made	Defective Eyepiece Assembly	Return to SPI for repair
Image will not focus	a. Defective Sensor (FPA) b. Defective Display	Return to SPI for repair

Kit Components:

- X26 Thermal Rifle Scope
- Travel/Storage Case
- CR123 Batteries (4)
- Lens Tissue
- External Power Adapter and Cable
- Flip Up Lens Cap
- Quick-Release 1913 Mount
- Operating Manual
- Video Output Cable (VOC)

Basic Controls (Seen from Eyepiece End)

	BASIC MODE	Mode Menu
▲	ZOOM	+
■	MENU	Enter
▼	POLARITY	-



Main Menu Symbols & Functions		
Symbol	Name	Function
	Image	Adjust Brightness, Contrast & Backlight Settings
	Reticle	Select Type & Position of Reticle.
	OSD Settings	Select Color of Overlay Graphics
	Profile	Profile Settings
	Proximity	Adjust Eye Sensor Proximity
	EXIT	Menu Exit
	USB Mode	USB to PC

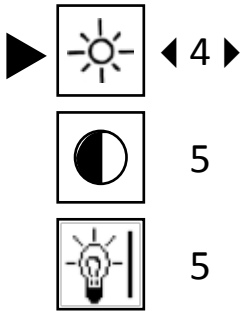
Use and Operation Quick Reference

The following instructions are intended to quickly familiarize the user with the X26 controls. Follow these steps to get the feel of how to navigate through the Device Menu, make adjustments, and how to use the buttons. For complete details on every Menu Item, please consult the Operator's Manual.

1. Single click ■ button to access Main Menu.
2. Navigate through Main Menu by single clicking the ▲ or ▼ buttons.



3. Single click ■ button to access the Image Submenu.



4. Making Adjustments:

- Navigate through Submenu by single clicking the ▲ or ▼ buttons.
- To Select an item to be adjusted, single-click the ■ button.
- Use the ▲ or ▼ buttons to make adjustments.
- To save a change, press the ☒ button.

5. To make further adjustments within this Submenu, continue navigating using the ▲ or ▼ buttons.
6. To EXIT the Submenu and return to the Main Menu, press the ☒ button.
7. To EXIT the Main Menu and return to the Main Viewing Screen, press and hold the ☒ button.

Battery Operation

Internal power is supplied by four 3V lithium CR123A batteries, DL123A or equivalent. Open the Battery Compartment by turning the battery compartment handle counterclockwise until it stops. Insert four CR123 Batteries, position (+) down. When re-inserted, turn the knob clockwise until it stops.

Low Battery Indicator - Visible in the lower left hand corner of the display screen. When the low battery indicator appears, the unit has approximately 15 minutes of remaining battery power.



Dioptic Ring Adjuster

Diopter adjustment allows for proper optical correction for each individual's eyesight. This adjustment is easily made, and is recommended prior to use. Select an object to focus on and adjust the diopter ring by turning either clockwise or counter-clockwise until the object is the clearest.



Storage & Maintenance of Device

The device requires careful handling. To avoid damage to optical elements of the device, use protective covers (caps). Remove moisture and dust from the instrument with a soft cloth or soft bristle brush. Opticle elements should be using a microfiber lens cleaning cloth. The device should be stored without batteries in a dry room.



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