



COYOTE PS

Mini Uncooled Thermal Hand-Held Pocket Scope

The COYOTE PS is a very light weight high-performance uncooled thermal hand-held pocket scope that significantly boosts the warfighter's round-the-clock, all-weather-condition capabilities.

Whether hand-held or optionally weapon-mounted, the COYOTE enables the warfighter to see but not be seen, as it doesn't emit any light or RF energy.

- Interfaces with all existing peripheral equipment
- Ideal for military and para-military forces

- »» Battery-operated
- »» Ruggedized enclosure
- »» High survivability
- »» Fits Picatinny-type weapon adapter
- »» High-resolution 384x288 array
- »» Optional IR/Visible Laser Pointer

COYOTE PS



Technical Characteristics

Optics & Sensors

Sensor	Uncooled microbolometer
Resolution	384 x 288 array
Field of View and Magnification	Three options (depending on the objective lens focal length): <ul style="list-style-type: none">• For f=20mm – 27° x 20° (X1)• For f=45mm – 12° x 9° (X2)• For f=75mm – 7.3° x 5.5° (X3.6)

Display Type	OLED
Dioptr Adjustment	-6 to +2

Electrical

Power Source	Four CR2-type batteries
Operating Time	5 hr continuous

Video

Video Output	PAL or NTSC Composite Video (RS-170/SMPTE-170)
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Kit Contents:

- COYOTE PS
- Carrying Case
- Batteries (CR2) x 4
- Operator's Quick-Reference Guide
- Optional items:
 - External video cable
 - RS232 communication cable
 - Field-Mountable Optical

User Interface

Controls	<ul style="list-style-type: none">• ON/OFF• E-Zoom X2• Polarity• Brightness/Contrast• NUC• Laser Pointer
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Communication

Serial	RS-232
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Physical (representative for 45mm lens configuration)

Dimensions	165 x 75 x 88mm
Weight	665 gr (without batteries)

Environmental

Complies with MIL-STD-810

Built-In Laser Pointer (Optional)

IR/Visible

Field-Mountable Optical Magnifier (Optional) - for f=20mm only

Field of view	9° x 6.7°
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Specifications subject to change at any time

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The manufacturer has a policy of continuous improvements and reserves the right to make changes without prior notice 10/2019