



DESCRIPTION

- Sophisticated image processing provides greater scene detail and improved clarity and sharpness with VGA 320x240 resolution and 17 micron pitch Focal Plane Array
- Video port available for simultaneous recording – Cable provided
- Covert operation with fully dimmable micro display and built-in shroud
- Stows easily into pocket for quick extraction and agile operation in the field and on the run
- Customize camera features such as temperature measurement with provided GUI interface software

FEATURES

- 30Hz detector offers fast turn-on time and real-time video image
- Available in either 30Hz or 9Hz
- Detects human activity 800 yards away
- 2x, 3x, or 4x zoom
- White hot, black hot and 3 color modes display
- Rugged design with integral rubber eye cup can survive accidental drops and
- Submersion to 9 feet
- Pocket-sized, weighing only 13 ounces
- Uses only two (2) user-replaceable AA lithium or alkaline batteries
- Up to 6 hours run time with 2 AA lithium batteries
- On screen battery level indicator
- On screen temperature at cross point indicator

SPECIFICATIONS

Detector Type	Amorphous Silicon Microbolometer
Image Resolution	320x240
Field of View - H x V	12° x 9°
Thermal Sensitivity	≤40 mK
Spectral Response	7-14µm (filter bandwidth)
Color	Default is White Hot (Night Vision red hue display is user selectable via power button)
Start up from stand-by	~ 4 seconds (includes 2 second display of start-up logo)
Brightness/Contrast	Fully automatic
Battery Life	~ 2.5 hours with alkaline, ~ 6 hours with lithium
Display (Eye cup with 1.2" eye relief)	Color LCD (320 x 240 pixels) Dimming is user selectable via power switch
Focal Length of the Lens	25mm
Detect Man sized target (~1.8 m. 0.5 m)	Up to 735 meters
Power Supply	2 AA batteries
Battery Life	~ 2.5 hours with alkaline, ~ 6 hours with lithium
Auxiliary Power	12 VDC input on rear outlet jack
Environmental Rating	Waterproof to 9ft (3m) submersion, buoyant in fresh water. Shockproof to 6ft (2m) drop. EMC Compliant per FCC Part 15 & CE Mark
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Storage Temperature	-4°F to 176°F (-20°C to 80°C)
Dimensions	5-1/4
Weight	13oz. (381g), batteries installed
Warranty	1 Year

STANDARD EQUIPMENT

Drawstring Pouch
 2AA Alkaline Batteries
 Neck Strap & Wrist Strap
 Lens Cover
 Lens Cleaning Cloth
 Video/USB Cable
 GUI Software CD

Please call for additional information.



ASPECT TECHNOLOGY & EQUIPMENT, INC

811 E Plano Pky #107 • Plano, TX 75074 • Phn 972-423-6008/Fax 972-423-7717 • email aspect@airmail.net • www.aspecttechnology.com



THERMAL-EYE