

# Ferret 240

Handheld Thermal Viewer



## Own the night with the Ferret 240

Infrared or thermal viewers let you "see" in total darkness. You will not experience "blooming" from extraneous light sources such as headlights or flashlights.

The Ferret 240 provides a new level of performance in Handheld IR viewers. Its small size, low weight, ruggedness, battery longevity and price are unmatched in the industry.

### Applications:

- Wildland fire cleanup
- Structure fire cleanup
- Security
- Surveillance
- Law enforcement
- Poachers
- Building inspection
- Water damage assessment



Ferret 240 with 50° x 35° FOV optics

### Features:

- Small size and lightweight package allows the Ferret 240 to be carried in equipment vests of police officers on bicycle patrol or firefighters fighting wildland fires.
- Single-button operation means anyone can operate the camera with virtually no training.
- Video output allows the image data to be recorded for later evaluation or analysis.
- PDA Option permits storing images to PDA for computer analysis.
- Rugged, weatherproof construction means it can take heavy abuse in the field and handle any weather situation.
- 7+ hours of battery operation is enough to provide for a day's worth of scanning before requiring new (standard 1.5V AA) batteries. A standby mode is available to save power, and therefore increase battery life.
- Effective 320 x 240 pixel display provides sharp, bright images.
- The low price won't break the equipment budget.

For current product information please visit <http://www.compix.com/240.html>.

# Ferret 240

Handheld Thermal Viewer



## Technical Specifications<sup>1</sup>:

Imaging Performance		
Start-up time	5 Seconds	
Brightness adjustment	Automatic	
Contrast adjustment	Automatic	
Range to detect a person	Approximately 300 Meters (328 yards)	
Infrared polarity	White-Hot / Black-Cold	
Detector		
Focal plane Array	Amorphous Silicon microbolometer	
Pixels	160 x 120; Interpolated to 320 x 240	
Spectral response	7-14 microns	
Thermal sensitivity	Better than 100mK	
Video		
Output format	Analog SMPTE-170	
Viewfinder display	Monochrome (320x240)	
Viewfinder dimming	Switchable- on/off	
Power		
Power source	6 AA batteries	
Operating time	> 7 hours full operation	
Environmental Characteristics		
Operating temperature	0° C to 60° C (32° F to 140° F)	
Storage temperature	-40° C to 80° C (-40° F to 176° F)	
Water resistant	Yes – weather-proof	
Physical Characteristics		
Dimensions (L x H x W)	23cm x 6.4cm x 4.4 cm (9" x 2.5" x 1.7")	
Weight	750g (6 AA batteries included) (1.6 lbs)	
Mount	¼"-20 thread on bottom of camera for mounting.	
Optics (two available options)		
	N (narrow field of view)	W (wide field of view)
Focal length	25mm (1")	8.5mm (0.3")
Field of view	17° H x 12° V	50° H x 35° V
Focus range	30cm to infinity (1' to infinity)	1m to infinity ( 39" to infinity)
Standard accessories		
Carrying case	Watertight/airtight plastic case with lifetime warranty.	
Video cable	RCA plug on both ends.	
Optional accessories		
Cover	Made of Neoprene. Check with Compix for available colors.	

## Ordering information:

**17-0240-N** – Ferret 240 with optics configuration N.

**17-0240-NT** – Ferret 240 with optics configuration N and temperature crosshair<sup>2</sup>.

**17-0240-W** – Ferret 240 with optics configuration W.

**17-0240-WT** – Ferret 240 with optics configuration W and temperature crosshair<sup>2</sup>.

<sup>1</sup> All specifications subject to change without notice.

<sup>2</sup> This feature gives a readout of the temperature at the center of the image.