



PORTABLE
VIDEO
SYSTEMS

ENHANCED THC-50 THERMAL CAMERA

Zistos' Enhanced THC-50 is a Remote Thermal Imaging Camera in an Ultra Compact Housing Ideally Suited for Tactical, Search and Rescue Missions.

Enhanced THC-50 Features:

- Proven Thermal Imaging Technology and Performance
- Slim 1¾-Inch Diameter Allows Easy Access Into 2-Inch Core Holes
- Lightweight 13-Ounce Overall Camera Head Weight
- 50° Field-of-View Focusing Lens
- Compatible with all Zistos Extension Poles and Cables
- Forward Compatible with All Forthcoming Zistos Products



SUB 2-INCH DIAMETER

		THC-50
Focal Plane Array	Material & Structure	Amorphous Silicon Microbolometer (160 x 120 pixel array)
	Spectral Response	7 – 14 μm (filter bandwidth)
	Thermal Sensitivity	<50 mK
Thermal System Imaging Performance	Start-Up Time	2.4 sec ±10% @ 25°C
	Contrast / Brightness	Automatic/Advanced Image Processing
	Range to Detect Human Activity	Up to 330 feet (100 meters)
Optics	FOV Alternatives	5.8 mm focal length 50° horz. x 37° vert.
	Focus	Fixed
Physical Characteristics	Size	1.75" Diameter x 7.0" Long
	Weight	13 ounces
	Operating Temp.	- 4° to 185° F
	Storage Temp.	- 40° to 221° F

THC-50 SPECIFICATIONS



RECESSED LENS



SHOWN ON ARTICULATING POLE