



Compact Thermal Imager

Visimid X320- Ruggedized Ultra Compact Thermal Imager with 320 x 240 resolution and advanced features!

BENEFITS

- Simple one-button operation
- Greater scene detail with VGA 320 x 240 resolution
- Video port for simultaneous recording
- Covert operation with fully dimmable microdisplay
- Stows easily into pocket for quick extraction and agile operation in the field and on the run
- Customize camera features with provided user interface software

FEATURES

- 30 Hz frame rate
- 9 Hz model available
- Detect human activity up to 800 yards away
- 2x, 3x or 4x programmable e-zoom
- White hot, black hot and 3 color modes
- Temperature measurement & cross hair enabled via supplied software CD
- Survives accidental drops and submersion
- Pocket-sized, weighing only 13 ounces (369 grams)
- Up to 6 hours runtime with two user-replacement AA lithium batteries*
- Rugged design with integral rubber eye cup- 3 Year Warranty
- Tripod mount (1/4 20 thread)

Camera Kit Includes

- **USB** Cable
- User Interface Software
- Lens Cloth
- Neck/Wrist Straps
- **User Manual**
- AA Batteries*





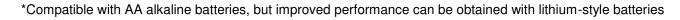


FUGITIVE PURSUIT OUTDOOR RECREATION HUNTING **FARMING / RANCHING**













X320 Compact Thermal Imager

	X320 TECHNICAL	SPECIFICATIONS
FEATURES		X320
FOCAL PLANE ARRAY	MATERIAL & STRUCTURE	Amorphous Silicon Microbolometer
	PIXEL COUNT	320 × 240
	(RESOLUTION)	
	SPECTRAL RESPONSE THERMAL SENSITIVITY	7 to 14 μm (filter bandwidth) ≤ 40 mK
THERMAL IMAGING PERFORMACE	START-UP TIME	5 seconds (includes 2-second display of start-up logo)
	BRIGHTNESS/CONTRAST	Fully automatic
	RANGE TO DETECT	
	HUMAN ACTIVITY	Up to 800 yards (25mm)
	E-ZOOM	2X, 3X, or 4X programmable e-zoom
	INFRARED POLARITY	White hot, black hot, detection palettes and custom color modes
OPTICS	FOV (H x V)	12° × 9°
	FOCAL LENGTH (MM)	25 mm
	MINIMUM FOCUS	3 ft. (1 m)
	DISTANCE	
VIDEO	OUTPUT FORMAT	Simultaneous NTSC output available on rear outlet jack
	VIEWFINDER DISPLAY	Color LCD (320 x 240 pixels)
	VIEWFINDER DIMMING	Integral to power on/off switch
POWER	POWER SOURCE	2 AA batteries (lithium recommended)
	OPERATING TIME	6 hours with lithium at room temperature
	AUXILIARY POWER	12 VDC input on rear outlet jack
ENVINOMENTAL CHARACTERISTICS	OPERATING	-4° F to 140° F (-20° C to 60° C)
	TEMPERATURE STORAGE TEMPERATURE	-4° F to 176° F (-20° C to 80° C)
	WATER & SHOCK	Water-resistance to 3 ft. (1 m) submersion, buoyant. Shock-
	RESISTANCE	resistance (MIL-STD-810G, Method 516.6). *
	EMC COMPLIANCE	FCC Part 15 & CE Mark
PHYSICAL CHARACTERISTICS	SIZE	5 ½" L x 4 ½" W x 2" H (14 x 11.4 x 5.1 cm)
	WEIGHT	13 oz (369g), batteries installed
	EYE CUP	Integral to camera body
ORDERING INFORMATION	CAMERA PART NUMBERS	30Hz Camera- NTSC: 5002021-1
	- White hot, black hot, detecti	on palette and - Tactile battery loading feature for stealth
CAMERA FEATURES	custom color modes	nighttime operation
	- On – screen battery level inc	
	- Left- or right-hand operation	
	resistant grip - ¼ - 20 tripod mount	glasses, face shields, masks, etc Push-button control to activate feature set
	77 20 dipod modift	r don batton control to delivate reature set
STANDARD EQUIPMENT	- 2 AA lithium batteries	- Lens cover - USB cable
	- Neck strap & wrist	- Lens cleaning cloth - Interface software
OPTIONAL EQUIPMENT	- MOLLE- Compatible soft	pouch - 5002070 - BNC video cable - 5002068
OF HONAL EQUIPMENT	- DVR Cable – 5002024	- A/C power adapter - 5002067
Specifications subject to change without notice X320 Rev. D July 2017		



2017

^{*}Design qualified, units tested in production by request