

# HMTI-6106 Trinity UNCOOLED PRO

## Thermal Monocular



### Triple Play Features:

- Day/Night Passive Operation
- Compact Uncooled For Field Use
- Microbolometer FPA

### Applications:

- Border/Perimeter Patrol
- Forest Fire
- Law Enforcement Agencies
- Day/Night Scouting
- Hunting and Theft



**CALL 1.866.391.6970**

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### MAIN SPECIFICATIONS:

Detector	
Detector Type	Uncooled Micro Bolometer
Pixels	640×512
Wave length	8~14μm
Pitch Size	17μm
Optical	
Focus Length	65mm, F/1.0
NETD	≤50mk@25°C
FOV	9.6° × 7.7°
Focusing Range	3m ~ ∞ (Manual)
Image Display	
Video Output	PAL /NTSC
Polarity	White hot/Black hot
Digital Zoom	2×
View Finder Display	OLED
Power Supply	
Input Power	7.2—8.4VDC
Consumption	≤4W@25°C
Battery Type	7.2V/2Ah Rechargeable Lithium Battery
Continue Work Time (Battery)	≥3Hous@25°C
Start Time	<30 Seconds.
Storage	
Image/ Video Record	5000 images and 300 Minutes Video record
Physical Spac	
Dimension	175mm×80mm×75mm (L×W×H)
Weight	≤700g (Without Battery)
Operating Temperature	-40°C ~ +50°C
Storage Temperature	-50°C ~ +70°C
Sealing	IP65



**Distance:**

For Human (1.7m×0.5m)

Detection: 800m

Recognition: 250m

For Vehicle (2.3m×2.3m),

Detection: 1200m

Recognition: 450m

Note: Range Data 50% probability of detection and recognition on a clear day, other factors apply