

# Accuracii TO



## HIGH RESOLUTION PRECISION PTZ THERMAL CAMERA



The **Accuracii TO** is a powerful thermal observation system with an integrated precision pan tilt mechanism, that has been specially developed for security threat detection. It allows mid-range detection and observation using the latest  $17\mu$  640x480 thermal technology. Vumii's Accuracii TO offers either: a range of athermal lenses, a 15-100mm continuous zoom head, or a 45/135mm dual field of view head for 24/7 operation. Available in analog or IP configurations, the Accuracii TO offers exceptional detection of people and objects, and is ruggedized to withstand the harshest weather and environmental conditions, including rain, direct sunlight, high humidity, and dust.

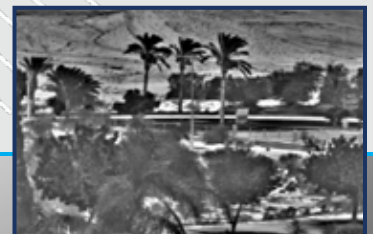
## FEATURES

### KEY BENEFITS

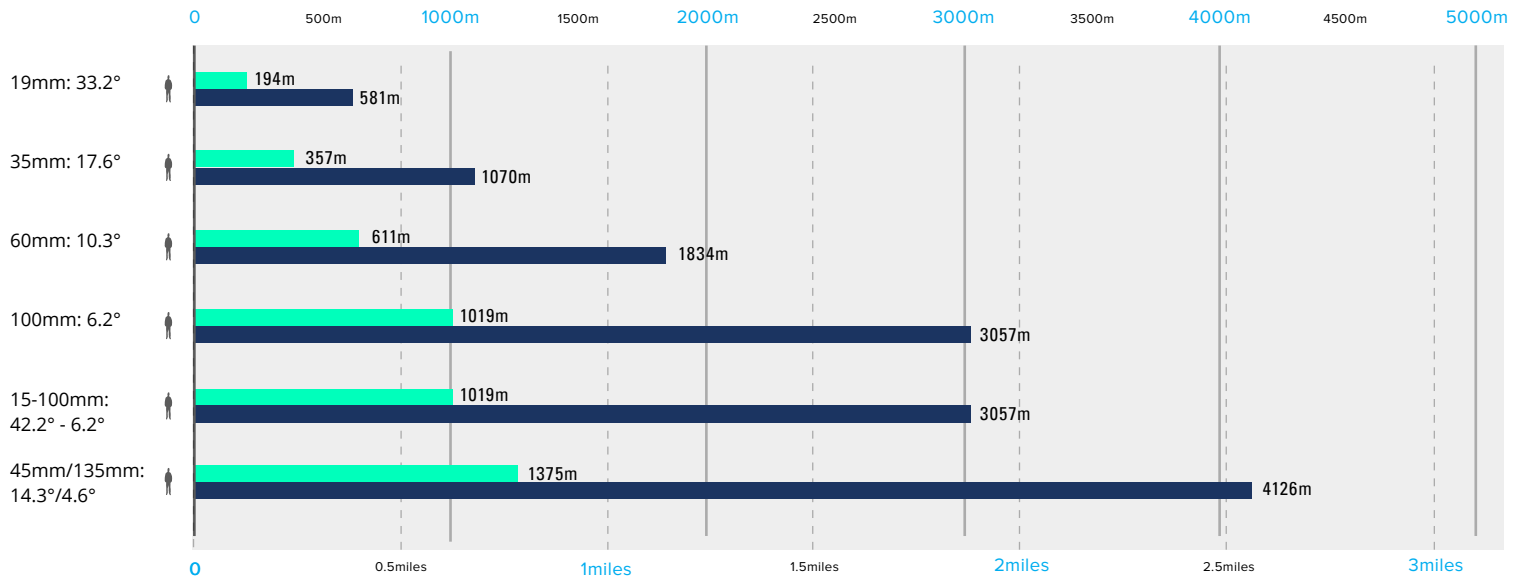
- **Best In Class Performance**  
Outstanding 24/7 PTZ thermal imaging camera
- **Innovative Technology**  
Unique image processing and enhanced contrast for video analytics systems
- **Advanced Optics**  
Continuous Zoom, Dual Field of View, Motorized, and Auto-Focus lens options
- **Rugged Design**  
Designed and certified to IP66, hot, cold, dusty, and other harsh environments
- **Easy Installation**  
Pelco D and ONVIF Profile S compliant

### AVAILABLE CONFIGURATIONS

- **Video Output**  
NTSC or PAL
- **Video Streaming (IP)**  
Multiple, configurable streams in H.264 and MJPEG
- **Control Type**  
Serial or TCP/IP
- **Advanced Thermal Optics:**  
Continuous Zoom 15-100mm  
Dual Field of View 45/135mm
- **Athermal Optics:**  
19mm, 35mm, 60mm, 100mm



# Accuracii TO Camera Performance



= Human Subject  
Size 1.8mx0.6m

**Recognition**  
**Detection**

6 lines on subject  
2 lines on subject

\* Performance dependent on  
atmospheric conditions

Imaging	Thermal Channel
Imager Type	Uncooled Microbolometer 7.5-14μ
Resolution	17μ: 640 x 480 (NTSC/PAL)
NETD	<50° mK
Video Output	RS-170 (30Hz) / CCIR (25Hz), 1.0V p-p, 75ohm analog or IP H.264 or MJPEG digital
Lens Options	Athermal (19mm, 35mm, 60mm, 100mm), Continuous Zoom 15-100mm, Dual Field of View 45/135mm
Electro-Mechanical Characteristics	
Unit Dimensions	343mm (L), 260mm (W), 274mm (H)
Unit Weight	14kg max
Environmental Rating	IP66
Certifications	CE, FCC
Power Input	18-30VDC
Power Consumption	30w typical; 140w max
Operating Temperature	-40°C to +60°C (-40°F to +140°F)
Control Characteristics	
Communication Protocol	Pelco D, ONVIF Profile S, Vumii
Control Type	Serial: RS422/RS485 (4-wire) or TCP/IP
PTZ Characteristics	
Pan Range	360° Continuous
Tilt Range	-90° to +90°
Pan Speed	Variable Speed, 0 - 60°/sec max