Accuracii™ AT Mini

COMPACT DUAL CHANNEL THERMAL AND CCD CAMERA SYSTEM

Vumii's Accuracii AT Mini is a compact and lightweight system, which combines two advanced video channels on an integrated continuous 360° pan-tilt positioner to deliver 24/7 covert security.

Accuracii camera systems are available in several athermalized lens configurations (from 8.5mm up to 60mm) that offer threat detection from a person up to 2km and a vehicle beyond 4km.

KEY BENEFITS

Dual System for 24/7 Operation
Detect and assess threats using both the color day CCD channel and the day/night thermal channel.

Dual Video Output
View or record both the color CCD and the thermal video channels at the same time.

Simple Integration
Pelco-D protocol control ensures easy integration and ease-of-use.

Compact Design
With a compact, lightweight design, this advanced system can be integrated into any new or existing infrastructure with ease.

AVAILABLE CONFIGURATIONS

Thermal Imager
- 17 μ: 640 x 480 (NTSC / PAL)

Thermal Optics
- 8.5 mm Athermalized
- 19   mm Athermalized
- 25   mm Athermalized
- 35   mm Athermalized
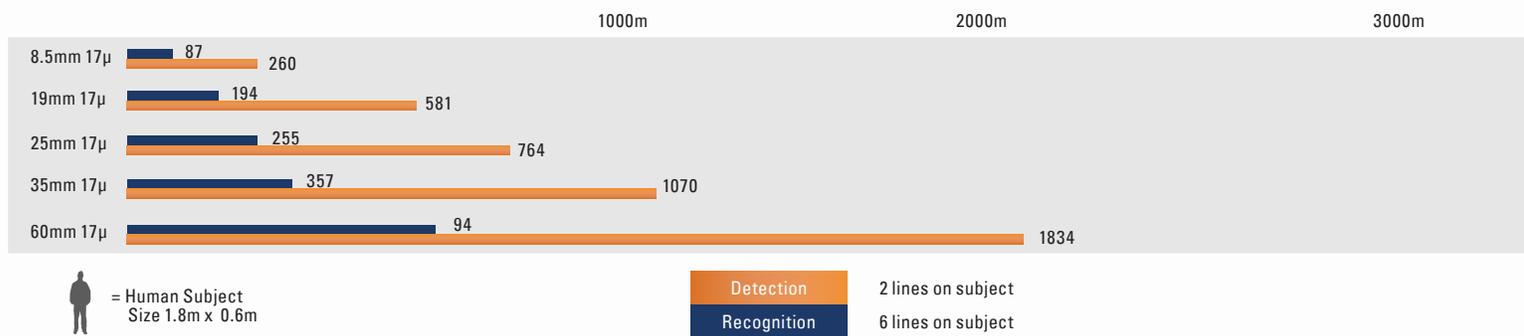- 60   mm Athermalized

Visible Imager
- 1/4" Color CCD Camera

Visible Optics
- Continuous Zoom 3.4 – 122.4mm

Video Output
- PAL or NTSC

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	1000m	2000m	3000m
8.5mm 17µ	87 / 260		
19mm 17µ	194 / 581		
25mm 17µ	255 / 764		
35mm 17µ	357 / 1070		
60mm 17µ	94 /		1834

= Human Subject Size 1.8m x 0.6m

Detection	2 lines on subject
Recognition	6 lines on subject

Accuracii AT Mini Specifications

Thermal Channel		
Imager Type	Uncooled Microbolometer 7.5 - 14 µ	1/4" Color CCD
Resolution	17 µ : 640 x 480 (PAL / NTSC)	752 x 582 (PAL) 768 x 494 (NTSC)
NETD	NETD: < 50° mK	< 50 dB S/N
Video Output	NTSC (30Hz) / PAL (25Hz)	NTSC (30Hz) / PAL (25Hz), 1.0V p-p, 75ohm
Lens Options	Athermalized 8.5mm, 19mm, 25mm, 35mm, and 60mm	Continuous Zoom 3.4 – 122.4 (36x)
Horizontal Field of View	8.5mm – 73.3° 19mm – 33.2° 25mm – 25.0° 35mm – 17.8° 60mm – 10.4°	57.8° / 1.7°

System Specifications	
Unit Dimensions	206.5mm (h) x 242.2mm (w) × 143.2mm (d) 8.2" (h) x 9.5" (w) x 5.6" (d)
Weight	5kg (11lbs)
Environmental Rating	IP66
Certifications	CE, FCC
Power Input	24VDC
Power Consumption	34w max
Operating Temperature	-35° to +65° C (-31° to +140° F)
Communication Protocol	Pelco-D
Control Communication	Serial RS-485 (Half Duplex)
PT Accuracy	TBC
Pan Range	360° Continuous
Tilt Range	-90° to +90°
Pan Speed	Variable Speed, 0° - 80° /sec max
Tilt Speed	Variable Speed, 0° - 40° /sec max

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