

Accuracii XRU HD



LONG-RANGE DUAL CHANNEL PTZ SURVEILLANCE SYSTEM



Accuracii XRU HD is a long-range, dual sensor security and surveillance system for borders, airports, and other sensitive sites. This market leading system combines an advanced uncooled continuous zoom thermal camera with an HD mid or long-range visible light camera, on an accurate pan-tilt unit. The Accuracii XRU HD does not require scheduled maintenance, ensuring low of cost of ownership. The system is available in a range of configurations, including analog or IP, with options for adding a laser range finder (LRF), GPS, & thermal image stabilization.

FEATURES

KEY BENEFITS

- **Dual Continuous Zoom Channels**
Independent thermal and HD color cameras provide maximum situational awareness, and 24/7 threat assessment.
- **Long-Range Thermal Imager**
Uncooled thermal cameras provide long-range performance with no need for scheduled maintenance.
- **Ruggedized for Harsh Environments**
The Accuracii XRU HD's rugged design is certified to IP66, and is protected against hot, cold, dusty, and other harsh or industrial environments.
- **Easy Integration**
Serial or TCP/IP configurations, Pelco D & ONVIF Profile S compliant (TCP/IP only).

AVAILABLE CONFIGURATIONS

Visible

Imager

- Color Full HD CMOS
- Color HD CMOS

Continuous Zoom Optics

- 4.3-129mm
- 10-320mm

Optics Features

- Image Stabilization
- IR Cutfilter Removal

Additional Options

- Thermal Image Stabilization
- Laser Range Finder
- GPS
- TCP/IP or Analog

Thermal

Imager

- 640x480 17 μ
- NTSC/PAL

Continuous Zoom Optics

- 25-150mm
- 25-225mm



Accuracii XRU HD Camera Performance



= Human Subject
Size 1.8m x 0.6m

= Vehicle Subject
Size 2.3m x 2.3m

Recognition 6 lines on subject
Detection 2 lines on subject

* Performance dependent on atmospheric conditions

Features	Thermal Channel	HD Color Day Channel
Imager Type	Uncooled 17µ VOx Microbolometer 7.5-14µ	Color Full HD CMOS Color HD CMOS
Resolution	640x480 17µ	1920x1080 FHD 1280x720 HD
Sensitivity	NETD: <30°mK	SNR >50dB
Video Output	RS-170 (30Hz) / CCIR (25Hz)	HD-SDI
Imager Features	Motorized Focus, Autofocus on Demand Polarity, NUC, Image Flip, Manual Gain/ Level, Optical & Digital Zoom	12x Digital Zoom & Autofocus
Continuous Zoom Lenses	25 - 150mm: 25.3° - 4.1° HFOV 25 - 225mm: 24.5° - 2.8° HFOV	4.3- 129mm (30x): 59.5° - 2.1° HFOV 10 - 320mm (32x): 35.3° - 1.1° HFOV
Features	System Specifications	
Unit Dimensions	Dependent on configuration - see system specifications	
Unit Weight	Dependent on configuration - see system specifications	
Environmental Rating	IP66	
Certifications	CE, FCC	
Power Input	18 - 28VDC	
Power Consumption	30w typical; 350w max	
Operating Temperature	-40° to +60°C (-40° to +140°F)	
Communication Protocol	Pelco D, ONVIF Profile S	
Control Connection	Serial RS422/RS485, TCP/IP	
Accuracy	+/-1.5 mRad	
Pan Range	360° Continuous	
Tilt Range	-90° to +90°	
Pan Speed	Variable Speed, 0.1° - 50°/sec	

* Some countries may be subject to thermal camera export licensing requirements.