Accuracii™ XRU

LONG RANGE DUAL CHANNEL PTZ SURVEILLANCE SYSTEMS

Vumii's Accuracii long-range surveillance XRU camera combines two advanced video channels on an integrated ruggedized 360° pan-tilt positioner to deliver 24/7 covert security.

In addition, the systems are available with optional laser range finder or GPS module.

Extreme long range without additional maintenance — low cost of ownership.

KEY BENEFITS

Dual Continuous Zoom Channels (Thermal & Color)
Independent continuous zoom thermal and color cameras provide maximum situational awareness, user friendliness, and 24/7 threat assessment.

Long Range Thermal Imagers
Uncooled thermal cameras provide long range performance with no routine preventive maintenance.

Ruggedized for Harsh Environments
Designed and certified to IP66, hot, cold, dusty, and other harsh environments

Easy Integration
Pelco D protocol, ONVIF Profile S compliant (TCP/IP only) and serial or IP communication.

AVAILABLE CONFIGURATIONS

Accuracii XRU is currently available in the CZ225 configuration featuring continuous zoom optics.

Imager:		Continuous Zoom Optics:
• Uncooled	17µ: 640 x 480	25 - 225mm
• Visible	768 x 494	3.4 - 122.4mm

Optional Laser Range Finder - 6 km

Optional GPS Module

vumii
DETECT RECOGNIZE IDENTIFY

2014v1

Accuracii XRU Camera Performance

	0	1km	2km	3km	4km	5km	6km	7km	8km	9km	10km	11km	12km	13km	14km	15km	16km	17km	18km	19km	20km

CZ225
17µ 640 x 480
25-225mm

- 2292m
- 6877m
- 5074m
- 15221m

1 mile	2 miles	3 miles	4 miles	5 miles	6 miles	7 miles	8 miles	9 miles	10 miles	11 miles	12 miles
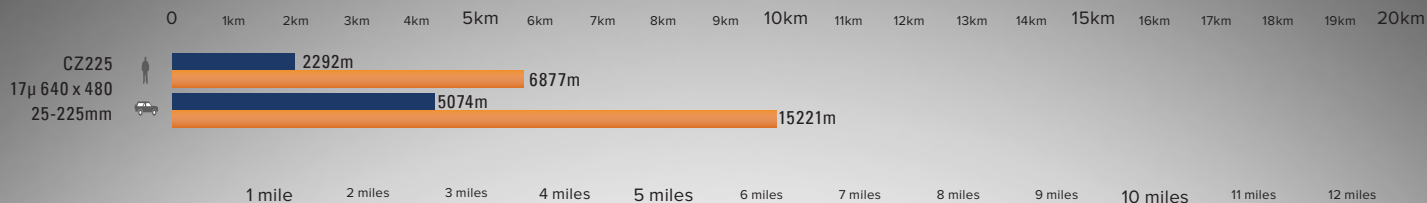
= Human Subject
Size 1.8m x 0.6m

= Vehicle Subject
Size 2.3m x 2.3m

Detection — 2 lines on subject
Recognition — 6 lines on subject

* Performance dependent on atmospheric conditions

Accuracii XRU Specifications

	Uncooled Thermal	Visible
Imager Type	Uncooled 17µ Microbolometer 7.5-14µ	1/4" Color CCD 1/2" Color CCD
Resolution	17µ: 640 x 480	768 x 494
Sensitivity	NETD: < 50° mK	>50dB S/N
Video Output	RS-170 (30Hz) / CCIR (25Hz)	NTSC (30Hz) / PAL (25Hz)
Imager Features	Motorized Focus, Autofocus on Demand Polarity, NUC, Image flip, Manual gain/level, Optical & Digital Zoom, Autofocus on Demand	12x Digital Zoom & Autofocus
Continuous Zoom Lenses	25 - 225mm: 24.5° - 2.8° HFOV	3.4 - 122.4mm (36x): 57.8° - 1.7° HFOV 10 - 320mm (32x): 35.3° - 1.1° HFOV

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	24VDC
Power Consumption	30w typical; 350w max
Operating Temperature	-40° to +60° c (-40° to + 140° F)
Communication Protocol	Pelco D, ONVIF Profile S, Vumii (SDK Available)
Control Connection	Serial RS422/RS485 or TCP/IP
Accuracy	+/- 1.5 mRad
Pan Range	360° Continuous
Tilt Range	-90° to +90°
Pan Speed	Variable Speed, 0 - 50°/sec max