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

Accuracii camera systems are configured into five configurations named after their continuous zoom thermal imagers, the CZ275, CZ300, CZ420, and CZ700. In addition, the systems are available with optional laser range finder or GPS module.

Continuous zoom optics are ideal for tracking and threat detection at more than 20 Km.

### 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**
Cooled thermal cameras provide high thermal sensitivity for ultra long range performance.

**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 XR is available in four configurations; CZ275, CZ300, CZ420, and CZ700.

- **CZ 275 Imagers**
  - Cooled: 15μ: 640 x 512
  - Visible: 756 x 494

- **CZ 300 Imagers**
  - Cooled: 15μ: 640 x 512
  - Visible: 756 x 494

- **CZ420 Imagers**
  - Cooled: 15μ: 640 x 512
  - Visible: 756 x 494

- **CZ700 Imagers**
  - Cooled: 15μ: 640 x 512
  - Visible: 756 x 494

**Continuous Zoom Optics**
- 19 - 275mm
- 10 - 320mm

- 15 - 300mm
- 10 - 320mm

- 21 - 420mm
- 15.6 - 500mm

- 48.5 - 700mm
- 15.6 - 500mm

**Additional Options**
- Laser Range Finder (20km)
- GPS Module

**Analog of TCP/IP**
**Cooled Thermal Visible Imager Type**

- **Cooled 15 μ InSb 3-5 μ**
  - **1/2” Color CCD**

**Resolution**

- 15μ: 640 x 512
  - 768 x 494

**Sensitivity**

- NETD: < 20° 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**

- **CZ225** 17µ 640 x 480 25-225mm
- **CZ275** 15µ 640 x 512 19-275mm
- **CZ300** 15µ 640 x 512 15-300mm
- **CZ420** 15µ 640 x 512 21-420mm
- **CZ700** 15µ 640 x 512 48.5 - 700mm

**Accuracy XR Specifications**

- *Some countries may be subject to thermal camera export licensing requirements*
- All specifications are subject to change without notice. All rights reserved.