Perimeter Security Camera Systems for Surveillance, Threat Detection and Assessment
Vumii’s high-quality, field-proven, zero-light surveillance products are embedded with more than 30 years of experience in developing night vision systems. Vumii products include a portfolio of camera systems that provide long range detection, recognition and identification, night or day, and consists of fixed and PTZ thermal, multi-sensor PTZ, and near-IR illuminated PTZ camera systems.

**Detect, Recognize, and Identify Threats**

**Detection**

Fixed thermal cameras are ideal for 24/7 wide area protection and threat detection tasks, especially when combined with video analytics.

**Recognition**

Thermal and color imaging camera systems with zoom optics, equipped with pan/tilt platforms, excel at threat recognition and classification.

**Identification**

Multi-sensor PTZ camera systems with near-infrared illuminators provide threat identification day and night, acquiring prosecution-level video quality at short and long ranges.

**Applications**

**Border & Perimeter Protection**

Securing perimeters requires round-the-clock surveillance systems that function **effectively day and night, in all weather conditions**. Security systems need to scan a wide area and identify targets in real time. Thermal imaging systems deliver effective security in all kinds of terrain, enabling the detection of intruders before they penetrate the perimeter. Complementary visible and/or near IR cameras, incorporated into Vumii systems, provide clear assessment and identification of any threat along the perimeter.

**Transportation**

Protecting seaports and airports from common threats such as theft and vandalism, and more serious threats such as terrorist attacks on key targets, is a major challenge. Vumii’s thermal and active illumination cameras support **day and night, all weather and fog monitoring at long distances**, delivering cost-effective solutions which provide complete protection. Thermal cameras also deliver round-the-clock monitoring of railway and subway lines, sending alerts to allow timely response which significantly reduces the accident rate.
When it comes to customized design and integration, Vumii has unparalleled capability and experience working with customers to successfully meet their requirements. Our policy of end-user focus and cost optimization has enabled Vumii to secure leading positions in worldwide security, defense, industrial, critical infrastructure and transportation markets.

**Technology Innovation**
Vumii is a technology innovation pioneer delivering easy to use products with capabilities such as:
- Hyper-spectral imaging
- Long-range zero light assessment
- Unique algorithms empowering uncooled systems to perform at near cooled levels (e.g. long distance, low maintenance, auto focus, continuous zoom)
- Embedded unique image processing algorithms (e.g. fire detection, SNR)

**Best Image Quality**
Vumii products deliver the best quality video by leveraging over 30 years of innovation and expertise in night-vision technology, utilizing superior image and signal processing, high quality components, and unique product design.

**Security**
Commercial enterprises need protection from intrusion and vandalism. Fixed thermal cameras and PT multi-sensor systems monitor perimeters and provide site-wide 24/7 coverage. Should an alarm be raised, the cameras provide remote monitoring centers with alarm verification, enable threat assessment, and provide forces on the ground with situational awareness. In addition, using thermal imaging, heat above a certain user-defined threshold can be detected so that overheating can be identified and potential fires can be prevented.

**Critical Infrastructure**
Critical infrastructure and boarders require full 24/7 site security to prevent tampering or attacks. Vumii’s camera systems detect and assess threats using both color day video channel and day/night thermal cameras, while video output enables viewing or recording of both channels simultaneously. The result is comprehensive round-the-clock site coverage. Vumi systems are seamlessly pre-integrated to radars, drones, vehicles and leading BMS software to provide a comprehensive solution.
Offering the widest range of off-the-shelf products in the market today, these versatile families of thermal and multi-sensor cameras and systems deliver effective solutions for every security and safety need.

**Thermal Camera Systems**
The Sii 24/7 outdoor security thermal cameras are used for observing and monitoring sensitive sites. These cameras provide crisp, clear thermal video in total darkness as well as fog, haze or smoke.

**Multi Sensor Camera Systems**
The 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. These systems utilize continuous zoom optics and high resolution imagers that are ideal for tracking, with threat detection performance of more than 20 km (12 miles). Accuracii incorporates all of Sii’s advanced features and more.

**Illuminating Camera Systems**
Illuminating camera systems that provide the most effective outdoor perimeter and border protection for quick identification and response to human, vehicle, or vessel threats.

For additional information please contact us at: info@vumii.com