



Research in environmental and wildlife science requires the monitoring of large outdoor areas which lack pre-existing infrastructure. Other purposes may also require this type of monitoring for safety or security.

This new surveillance system brings its own infrastructure to such monitoring, using a system of camera nodes across a 5-mile radius. It is also low-maintenance and easy-to-install.



image source: http://www.utrgv.edu/physics/_files/images/outreach/stargate-remote-camera-systems.jpg

For further information regarding this technology please contact:

Office of Research Translation

1201 W. University Drive
Edinburg, TX 78539
956-665-3032
ORT@utrgv.edu

Novel Remote Surveillance System

Competitive Advantages

- Self-sustaining
- Large area coverage
- Can be operated off-grid
- Ease of use and control

Commercial Applications

- Security monitoring of large areas
- Does not require pre-existing infrastructure.
- Internet of things integrations.

IP Status

- Licenses available

Status of Development

- Prototype tested in a relevant environment

References

- [STARGATE](#)

Lead Inventor



Dr. Fredrick Jenet
Associate Professor
Email: Fredrick.Jenet@utrgv.edu