

Magnetic Properties and Light Differentiations Studies

Researchers want to capture images of Alaska's northern lights for research on magnetic properties and light differentiations. The images need to be captured over long periods of time and the cameras must be rugged enough to withstand the Alaskan environment.

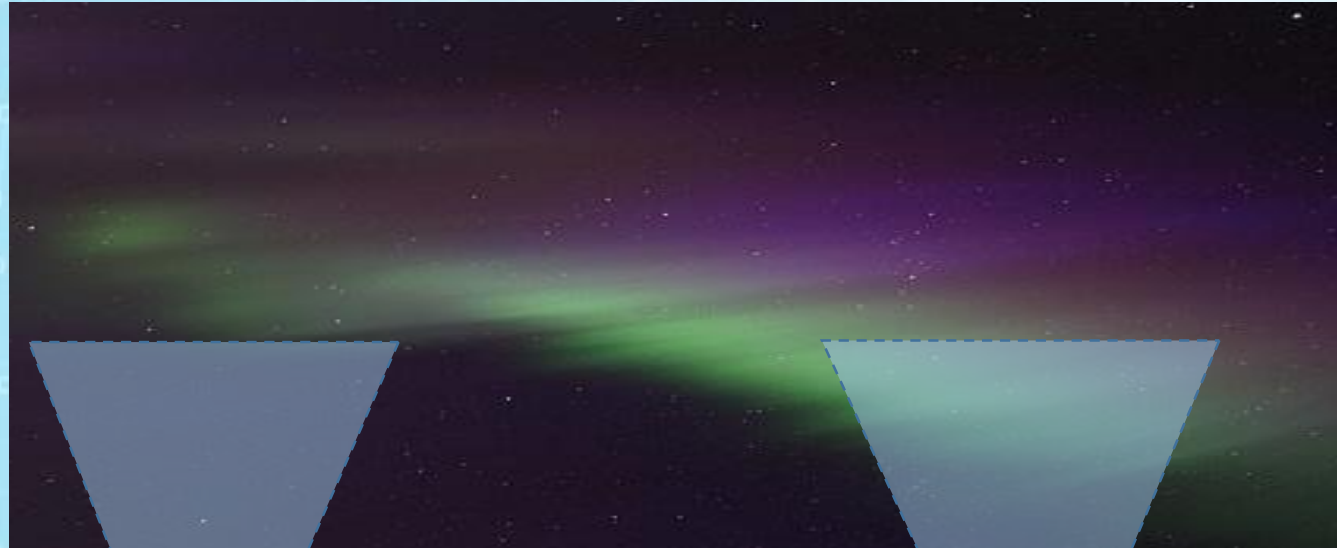


Solution:

Two GigE cameras are connected to a recorder, computer, and monitor. The cameras are positioned upward to capture footage of the northern lights over long periods of time.

The recorder is able to save the footage and the researchers can analyze, store, and review the data as needed.

The cameras provide high quality imagery and are rugged enough to withstand the extreme conditions.



Northern lights



GigE Camera



GigE Camera



Computer and Recorder