

Site Requirements for Participation in the NASA All Sky Fireball Network

Camera

Need an outdoor location that is/has

- Secure
- A mostly unobstructed view of the sky, horizon to horizon
- Relatively free of light pollution – no bright lights near the camera. For example:
 - No sports field or stadium lights nearby
 - No nearby towers with blinking lights (it may be possible to mask blinking lights from distant towers)
 - No parking lot lights that would shine into the camera
- Stable; we cannot mount a camera on a moving roof or other platform that would change the camera's position from night to night.
- Distant from kilowatt radio transmitters or other sources of radio noise

Camera-control Computer

Need an indoor location that is/has

- Secure
- Climate controlled (ideally)
- Power
- Fast, reliable Internet connection (minimum *upload* speed of 100 KB/s) with the ability to assign a static IP address
- The ability to open port 22 for internet communication in/out (only necessary if a firewall is in place)
- Located within 100 feet of the camera
- The means to run cables from the camera to the computer
- A window or some other means (e.g. short cable run to the outdoors) by which the GPS unit can get a lock. The cable on the GPS receiver is 22 feet long, so the window would need to be located within 22 feet of the computer. Similarly, a cable run to the outdoors shouldn't be more than 22 feet long.