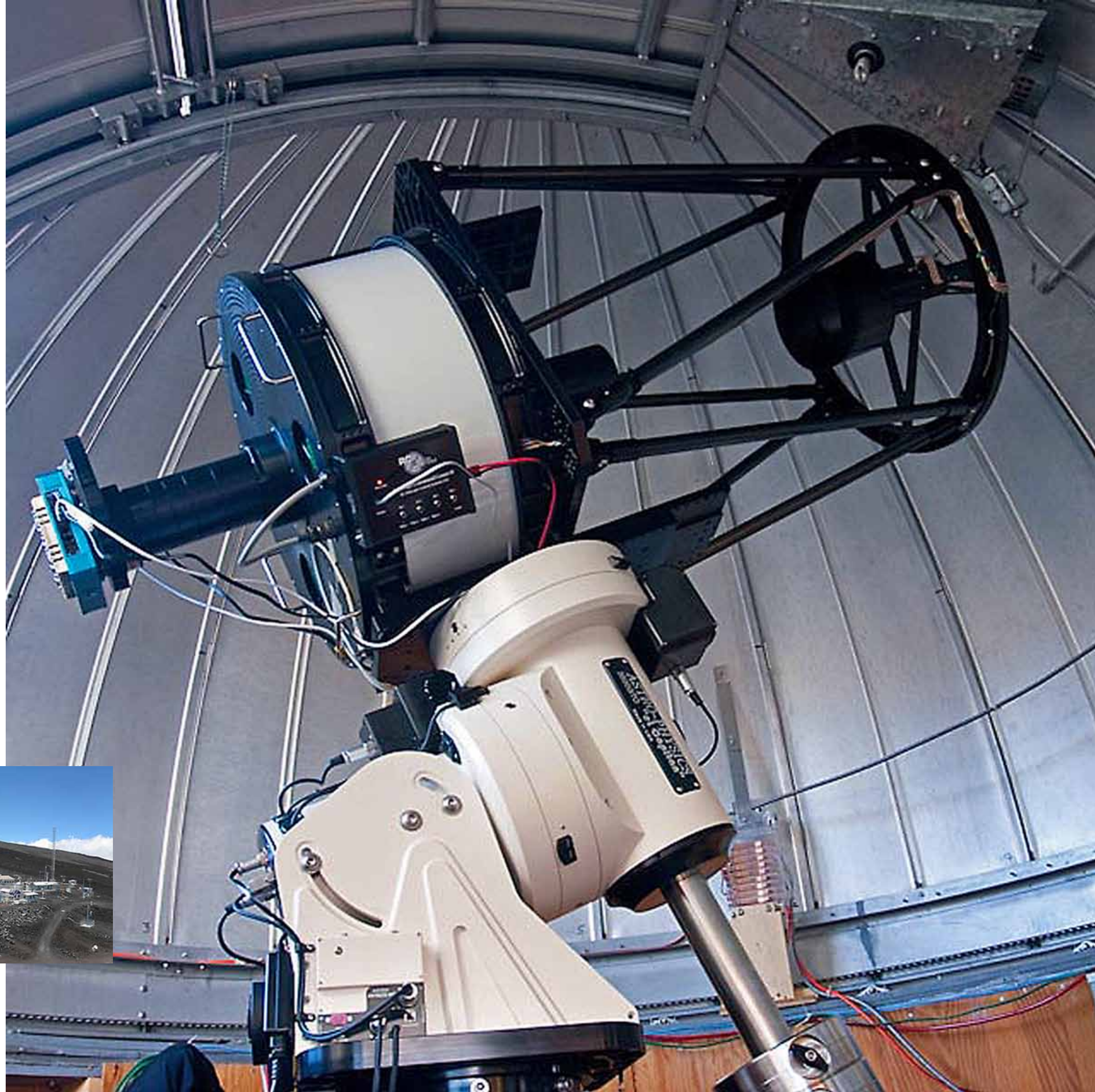


**University of Hawaii
Institute for Astronomy**

The Variable Young Stellar Objects Survey (VYSOS) project is sited at the Mauna Loa Atmospheric Observatory, Big Island of Hawaii.

VYSOS will operate with no on-site human presence, operating as a robotic telescope to do a photometric study of young stars. An RC Optical 20" Ritchey-Chrétien is the telescope being used.

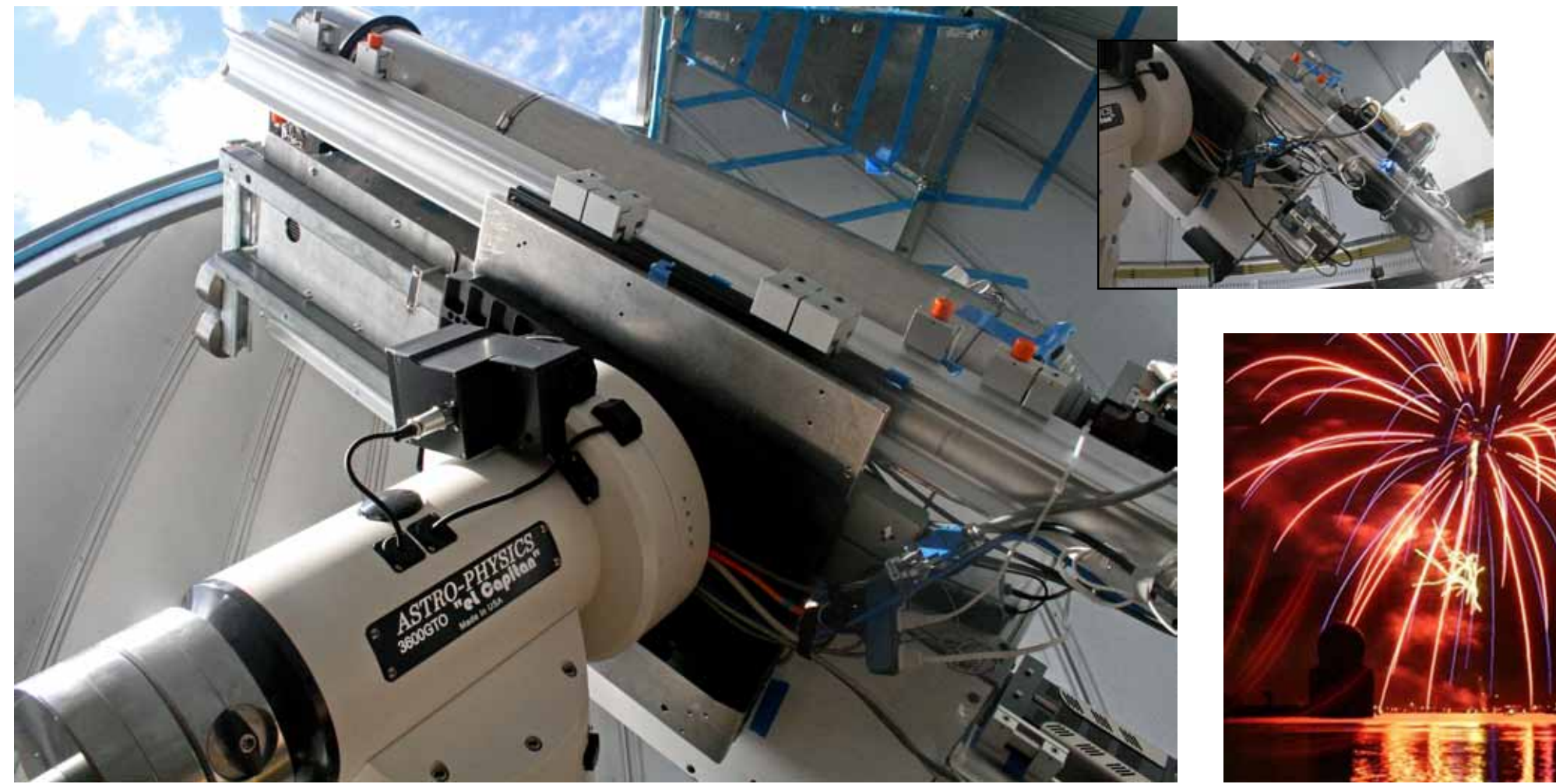


**3600GTO GERMAN EQUATORIAL MOUNT
AND 3600GTOPE VERSION**

- Image Past the Meridian (up to the full 6 hours)
- Full 360° Rotation of Both Axes
- Homing Capability
- Adjustable Limit Switch System
- Modular Components
- Keypad and/or Computer Control
- Rugged RS-232 Connectivity
- ASCOM Compatible
- AP GoTo Command Protocol Freely Available
- Precision Encoder Available to Essentially Eliminate PE (3600GTOPE)



**NyAlesund
Science Village**
Island of Spitsbergen,
Norway
80° North Latitude



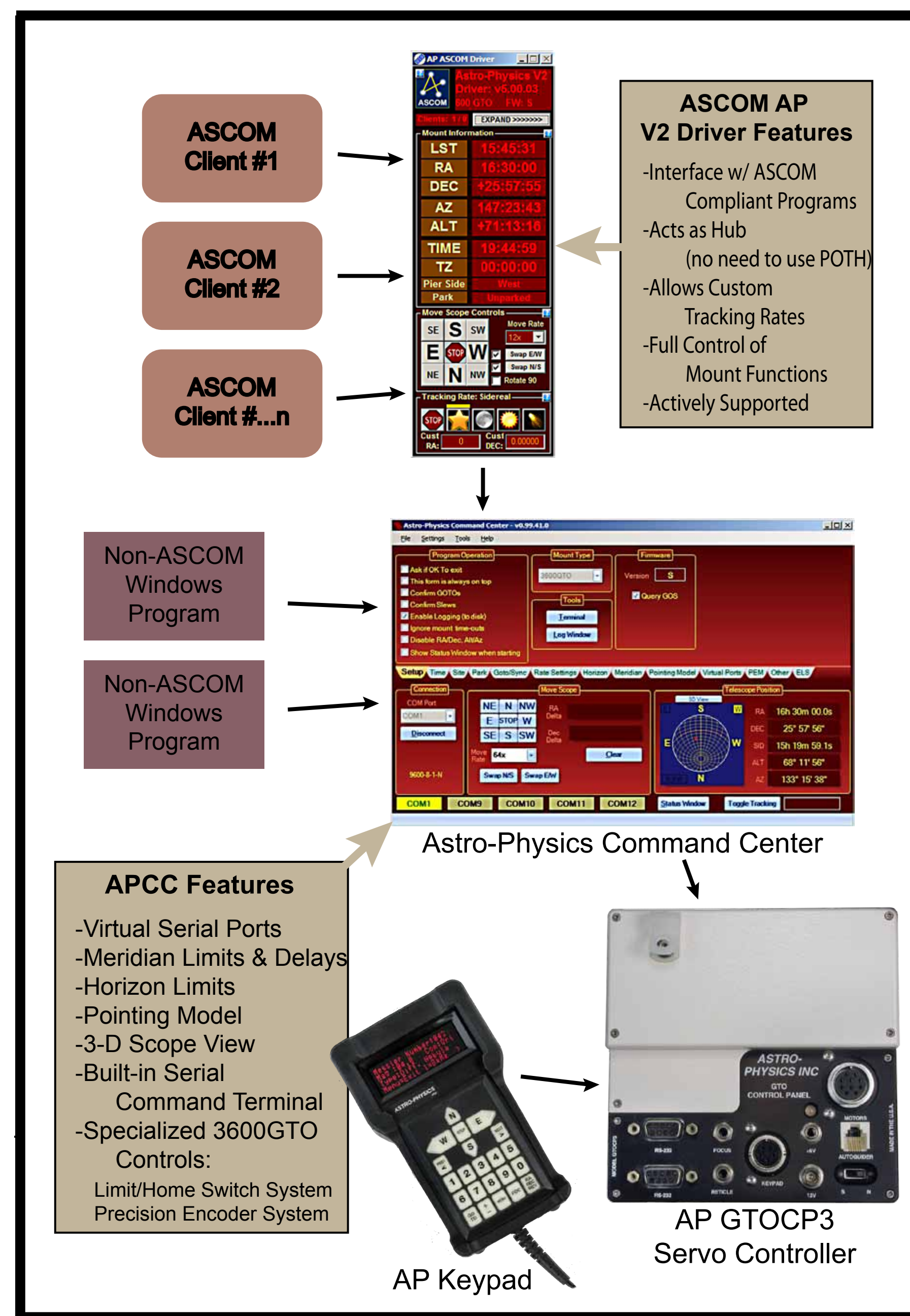
Big Bear Solar Observatory

Specialized Solar Instrumentation

The BBSO, located in Big Bear, CA is operated by the New Jersey Institute of Technology, the science and engineering university of the State of New Jersey. The hydrogen-alpha solar flare patrol telescope and earthshine telescope are both supported on this mount. It is in continuous operation during daylight hours.

[Note how the instrument wiring is routed through a channel and into the mount.]

**REMOTE / ROBOTIC OPERATION OF
ASTRO-PHYSICS GERMAN EQUATORIAL MOUNTS**



Dome C at Concordia Station in Antarctica

The very first 3600GTO was installed in Antarctica and was designed to carry a large telescope system. It is being used for scientific studies by the Laboratoire Universitaire d'Astrophysique de Nice (LUAN). Here it is shown with a 300mm f/4 Newton + CCD + LUCAS spectrograph.

The mount is a reliable performer and functions flawlessly 24 hours per day for the entire polar night lasting 6 months at temperatures reaching -124° F, while carrying a 300 lbs. payload.



University of St. Thomas

"We currently have the Planewave CDK 17 mounted with an SBIG STL-11000M camera attached and are using the system in both our public outreach programs and in our undergraduate Astronomy course.

Because the observatory is automated, we will be able to do some temporal studies such as comet and asteroid monitoring or variable star studies that would be of use to the astronomical community." - Gerry Ruch, University of St. Thomas Physics department, St. Paul, MN



Georgia State University

Hard Labor Creek Observatory, Rutledge, GA

GSU faculty, staff, and students use the observatory facilities for their professional research projects. Such research includes: aperture masking, speckle interferometry, open cluster photometry, AGN variability studies, binary star orbit determinations, and a host of engineering and imaging projects.

astro-physics.com
815-282-1513

Astro-Physics, Inc.
11250 Forest Hills Road
Machesney Park, IL 61115

University of Nice

Custom 16 inch Astrograph on 3600GTO.

The second 3600GTO prototype shipped to the Laboratoire Universitaire d'Astrophysique de Nice (LUAN) in Nice, France in early June 2008. It was installed in a rolloff observatory on the grounds of the Nice Observatory on Mont Gros overlooking Nice and the Mediterranean. It is used to test software and large professional imaging telescopes.