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## FAQ for ST-6

### What is the difference between the ST-6, ST-6A and ST-6B?

The original model ST-6 camera's mechanical package was modified to shorten the camera head and move the head cable connector from the back of the camera to the side. This was done to allow the maximum amount of room for the camera to swing through the fork arms of some Schmidt-Cassegrain telescopes. The mechanical changes were designated as the ST-6A. For the ST-6B, the cooling design was modified to improve the cooling capability of the camera.

### I have an old ST-6, can I upgrade it to an ST-6B?

Due to a lack of critical parts, we are no longer producing the ST-6B camera or upgrades from older models to the ST-6B. However, we do have a new large pixel new camera models: the ST-9XE.

### I'm having trouble with Track and Accumulate with the CCDOPS for Windows?

This was a software bug in CCDOPS for Windows. Download version 5.1 or later from our Software Downloads page of our web site.

### Why can't I establish a link to my ST-6?

Make sure you have selected the proper serial port in the Misc/Comm Setup and that your serial cable has only three wires (pins 2, 3 and 5). The ST-6 CPU has extra signals on the other pins on the COM port, and it is not compatible with a regular 9-pin RS232 serial cable. The 9 pin cables will work with the loop-back COM test but will not work with the ST-6 CPU.

### My ST-6 is frosting. What can I do?

Contact SBIG for a replacement desiccant package. In an emergency you can also try the following procedure:

- Remove the nosepiece/T-Ring plate and then remove the CCD Chamber cover.
- Take out the small white package of desiccant and gently cut the end off the packet, being careful to not let the desiccant beads inside spill out.
- Bake the desiccant beads (don't bake the white packet or else it will melt) at 400 F for 4 hours.
- Pour the beads back into the packet and seal it with a small piece of scotch tape. Use a small piece of tape so you don't block the pores in the white tyvek package.
- Replace the desiccant packet in the head and put the head back together.
- Let the camera head sit for 4 hours before cooling again to let the desiccant equilibrate.

### What is the current ROM for the ST-6?

Universal ROM 1.01, ST-6 ROM 3.06 and Spectroscopy ROM 3.07 are all current versions of the ST-6 ROM. If your ST-6 ROM is older and you need to upgrade contact SBIG.

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