

The mount AZ-GTi from Skywatcher.

I have used the mount AZ-GTi from Skywatcher to support DSLR photometry with Canon 550D camera with a Tamron Zoom-lens 70-300 mm. A recent introduction to AzGTi is found here¹

I want to explain how the mount is controlled from my laptop with Windows 10

It is mounted on the left side of the mount (see picture). If one uses the right side, the up-arrow will move the instrument downwards, and that is a bit awkward. Therefore: Mount the telescope on the left side of the mount.

The USB-cable connects the Canon 550D camera to the laptop and the EOS Utility ver 2. It gives a fine "Live View" when focusing.

Controlled by smartphone.

The simple way to control the mount is by using the Smartphone app SynScanPro to be downloaded from Google Play free of charge.

The telephone is first connected to the WiFi SynScan_68d4, and then run the app SynScan.

It works fine.

Controlled by laptop

Since my laptop (Windows 10) has a WiFi and the mount has a WiFi, it should be possible to control the mount from the computer. SkyWatcher has made the same app for windows 10 as for the Android system:

SynScanPro_Windows11 can be found here

<http://skywatcher.com/download/software/synscan-app/>

The file "Instruction for SynScanProWindows.txt" is describing the installation: (I have added a few comments of my own in this font)

¹<https://www.youtube.com/watch?v=F3HmLSjb9u0>



1. Install

Extract the ZIP file to a folder. (eg. C:\)

2. Uninstall

Delete the folder.

3. Run

1) Make sure time and time zone settings in Windows are accurate.

(take the LAN cable out of the labtop, and turn the telescope mount ON.)

2) Run SynScanPro.exe

3) Click "Settings\Location" to enter location data.

4. Connec to Mount

1) Click "Settings\Connect Settings"

2) Choose "UDP" for working with a SynScan Wi-Fi adapter.

Let PC connect to the same network as the SynScan Wi-Fi adapter.

(This may need some further explanation)

3) Choose "Serial" (if you are) ~~for~~ working with a serial port adapter connected to the "Hand Controller" port on the mount.

Enter the correct "Serial Port" number.

4) Go back to home page and click "Connect" to establish connection between application and mount.

5. ASCOM Driver

Download and install "ASCOM Driver for SynScan App and SynScan Pro App" from <http://www.skywatcher.com/download/software/ascom-driver/>.

Choose "SynScanMobile Telescope" as you telescope in ASCOM Telescope Chooser.

Bugs report and suggestions: app@skywatchertelescope.net

I have followed the instructions point 1 to 4, and it works fine.

I have not tried the ASCOM driver (point 5) yet. That is a project for the coming days. It will be fine if the telescope can communicate with Cartes du Ciel.

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