

ScanFi

SynScan Wi-Fi adapter for Sky-Watcher ORION wireless GoTo mounts

Overview

ScanFi is a wireless adapter for SynScan telescope control systems which are used to control the mounts of SkyWatcher, ORION telescopes. It can be used for a rapid telescope targeting with help of mobile devices such as smartphones or tablets.

WiFi adapter settings are made from the web interface. It works as an access point and can be used in order to connect all of your astronomy devices into a single network!

Important notes

No external power supply or batteries are required to power up ScanFi WiFi adapter!

Getting started

1. Connect your ScanFi WiFi adapter to SynScan RS-232 serial port before power up the telescope.
2. Turn on the power of the telescope. Proceed through the standart installation procedure which recommended by the manufacturer of the telescope: enter the observation coordinates into the remote location, current time and make the telescope alignment by the stars. Connect to SSID «ScanFi» on your mobile device. Connection password is «12345678».

Example of telescope configuration and management with use of SkySafari software:

1. Download and install the software. In the main menu go to «Settings».
2. Scroll down to «Telescope» section and click on «Setup».
3. Select the type of equipment used «Scope Type - SynScan» and type of the mount, depends of your setup «Mount Type - Equatorial Goto (German)» or «Alt-Az. GoTo». In «Communication Settings» section select the wireless connection type - «Connect via WiFi».
4. In «IP address» field type the IP address that indicated on your ScanFi WiFi adapter - «192.168.2.x».

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5. In «Port» field type - «1234»;
 6. Return to the main menu and press «Connect».

If done correctly you will hear a pleasant sound and the screen will display a crosshair with concentric circles which indicates the direction of the telescope viewing. On each side there will be the buttons that allow you to move the telescope along the axes of the mount.

You can direct the telescope at the objects by using a SkySafari objects database now. In order to do this use search - «Search» button, select an object from the list and press «GoTo» button. It is also possible to direct the telescope at an object on the screen. You need to click on it first and press «GoTo» after. For more details about how to use all features of the SkySafari software please visit [SkySafari official website](#).

Successful observations and dark sky! Thank you for choosing ScanFi.