

INSTRUCTION MANUAL

Orion® StarSeek™ Wi-Fi Module and Serial Cable Package for IntelliScope Dobsonians®

#25702



Contents

- 1 StarSeek Wi-Fi Module (#5969/5685)
- 1 IntelliScope-to-PC RS-232 Connector Cable (#5222)

The enclosed items will allow you to control any Orion IntelliScope Dobsonian telescope *wirelessly* with an Orion StarSeek app running on an iOS device (Apple iPhone, iPad, or iPod Touch).

You will need version 3.1 or later of StarSeek Standard, Pro, or Max editions.

Here's how to connect everything up. Connect the DB9 (large) end of the IntelliScope-to-PC cable to the DB9-to-RJ11 cable supplied with the Wi-Fi module. (Refer to the picture above.) Then, plug the RJ-11 connector into the Wi-Fi module and the smaller, "handset" (RJ-22) connector of the IntelliScope-to-PC cable into the serial port of the IntelliScope computerized object locator (COL).

Now follow the start-up procedure outlined in the Wi-Fi module instructions.

Once you have established the local Wi-Fi connection between the Wi-Fi module and your iPhone, iPad, or iPod Touch, and you have completed the two-star alignment using the IntelliScope COL, you will no longer use the COL for object location. But it must remain powered on!

NOTE: After completing the two-star alignment of the IntelliScope, be sure to press the FCN button on the COL, and leave it in that mode. (The COL will display the RA and Dec coordinates and the scope's altitude and azimuth.) If you don't, the telescope cursor on the StarSeek app either may not move at all or will move only after a delay of several seconds after the telescope has been moved.

Using the StarSeek app (Std, Pro, or Max) to "point" an IntelliScope Dob is a slightly different experience from pointing a GoTo telescope, or even from using the IntelliScope with the COL alone. In fact, the GoTo button on the StarSeek app's Telescope Control screen will not be active. To go to an object, you select one from StarSeek's object menu, or tap on an object on the phone's display, then widen the scale of the star chart, i.e., zoom out, to show both the position where your telescope is currently pointed (telescope cursor) and the selected object. Then move the telescope manually so that the telescope cursor moves toward, and eventually lands on, the selected object. You can then zoom in on the target object (using a reverse pinch motion on the iOS device's screen) to more precisely superimpose the telescope cursor on the object.

NOTE: Be aware that the IntelliScope COL is programmed to shut off after sitting idle for 50 minutes, to preserve battery life. So when using an i-device as your "controller," be sure to press the FCN button on the IntelliScope controller before 50 minutes has elapsed to extend the ON time for another 50 minutes. If the controller does turn off, you will need to repeat the initial alignment procedure.

One-Year Limited Warranty

This Orion StarSeek Wi-Fi Module and Serial Cable Package for IntelliScope Dobsonians is warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted product that proves to be defective, provided it is returned postage paid to: Orion Warranty Repair, 89 Hangar Way, Watsonville, CA 95076. If the product is not registered, proof of purchase (such as a copy of the original invoice) is required.

This warranty does not apply if, in Orion's judgment, the product has been abused, mishandled, or modified, nor does it apply to normal wear and tear. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. For further warranty service information, contact: Customer Service Department, Orion Telescopes & Binoculars, 89 Hangar Way, Watsonville, CA 95076; (800) 676-1343.

 **ORION®**
TELESCOPES & BINOCULARS

Providing Exceptional Consumer Optical Products Since 1975

OrionTelescopes.com

Customer Support (800) 676-1343

E-mail: support@telescope.com

Corporate Offices (831) 763-7000

89 Hangar Way, Watsonville, CA 95076

© 2012 Orion Telescopes & Binoculars