

# Assembly Guide : 6” Reflector with iOptron

## INTRODUCTION

**Congratulations!** You have bought a wonderful telescope. This is a precision optical instrument, and you have many wonderful evenings of observing the night sky ahead of you. This on-line guide is to help you assemble your telescope properly.

We know that many people are visually oriented and that pictures of the assembly process would be helpful. Since your telescope assembly guide and instruction manual does not have a lot of pictures, we have put together this online guide to help you assemble your telescope for your first night of observing.

Once your telescope is assembled and ready to go, the rest is up to you. Learning astronomy is all the fun anyhow! So let's get started . . .

## ASSEMBLING THE TELESCOPE

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**Step 1** Attach the iOptron SmartStar Cube to the tripod as shown in Figure 1.



Figure 1 – Attaching the SmartStar Cube.

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**Step 2** Attach the Accessory tray to the tripod as shown in Figure 2.

**Figure 2 – Attaching the Accessory Tray.**

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**Step 3** Your iOptron SmartStar tripod and mount is ready to go!



**Figure 3 – The completed iOptron Smart-Star tripod and mount.**



**Step 4** Your 6 inch telescope attaches directly to the iOptron Mount: **IMPORTANT:** Be sure that the mounting “body belts” are centered on your telescope tube. If your telescope is not balanced in the center of the tube, you will damage the motor inside the mount.

**Figure 4 – Attach the telescope to the mount. Notice how the telescope tube is perfectly centered within the body belts that attach it to the mount.**

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**Step 5** Next, you can attach the optional sighting scope to the main telescope as shown in Figure 5.



**Figure 5 –** The optional sighting scope can be attached to the telescope tube.



**Figure 6 –** Attaching the eyepiece adapter.

**Step 6** Next, attach the eyepiece adapter barrel by screwing it in to the focusing tube as shown in Figure 6. You may have to twist the focusing knobs a little bit to extend the focuser

**Step 7** Finally, insert one of your eyepieces into the focuser, as shown in Figure 7, and you are ready to begin observing.



**Figure 7–** An eyepiece goes into the angle prism. Be sure to tighten the silver

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**Step 8** You did it. Your telescope is set up and ready to use.



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**Thanks again for your business. We hope you enjoy your new telescope!**

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