

# Starlight Instruments

When only the best will do!

## FOCUSER BOSS II



Available with your choice of motor styles:



Handy Stepper Motor (HSM)



Posi Drive Motor System (PDMS)

Order online at [starlightinstruments.com](http://starlightinstruments.com)

# FOCUSER BOSS II

## MULTIPLE WAYS TO CONNECT

The Focuser Boss II Control Hub acts as the central controller to link one or two focusers (with optional 2nd focuser board upgrade) to any control PC. The hub includes



3.5" Feather Touch Focuser with Posi Drive Motor.

communication ports for Serial and USB (using a supplied USB/Serial cable) and wired Ethernet Network protocols as standard. An optional WiFi board and antenna can be added and installed at any time. Focuser 1 and Focuser 2 ports are available at the top of the Focuser Boss II hub with 12VDC Power, Network, optional Hand Control, and Serial connection ports available at the bottom. An optional aluminum mounting plate makes it easy to mount the Focuser Boss II hub to any telescope pier or mount.

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## MULTIPLE SOFTWARE OPTIONS

Using the ASCOM Local Server model, the software for the Focuser Boss II allows multiple clients to connect simultaneously to the Focuser Boss II hub. Additionally, embedded web servers in the wired Ethernet and WiFi connections enable the Focuser Boss II to generate a control interface accessible through any web browser or smartphone. Free Android and iPhone applications search the local network and load the interactive web-pages. Because these pages are generated by the hub itself, once you are connected, there is no further configuration required: just connect to your focusers and enjoy remote wireless focus control with the optional 802.11 WiFi add-on.

Any ASCOM client, Mac users of TheSky X or Equinox, or any web browser can be used to control either or both focusers attached to the Focuser Boss II hub.

## MULTIPLE FOCUSERS TO CONTROL

The Focuser Boss II Control Hub can be used with a variety of focusers and focus motor add-ons.

- The HSM20 will fit any Feather Touch Micro Focuser, Feather Touch retrofit pinion assembly upgrade, and Feather Touch Crayford Focuser.
- The HSM30 will fit any 2.5", 3.0" and 2.0" Feather Touch Rack/Pinion Focuser, and Astro Physics 2.7" with Feather Touch pinion assembly upgrade.
- The HSM35 will fit any 3.5" Feather Touch Focuser, Astro-Physics 3.5" and 4.0" with Feather Touch pinion assembly upgrade.

For heavier image trains and non Feather Touch Focusers, Starlight Instruments offers the Posi Drive Motor System (PDMS) which can lift in excess of 56 pounds.



Focuser Boss II pictured above with HSM motor. Parts include:

- Ethernet cable (red, Motor to Control Box)
- USB cable (black, USB to Serial Cable)
- Coiled cable (black, Hand Controller to Control Box)
- Control Box (rectangle box)
- Hand Controller (T-shaped)
- Motor (HSM pictured, also available with the PDMS motor)
- Power supply (Control Box to power source)

To place an order, or for additional product specifications and resources, visit [starlightinstruments.com](http://starlightinstruments.com).



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Some images contained in this literature provided by our valued friends and customers. Thank you.

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