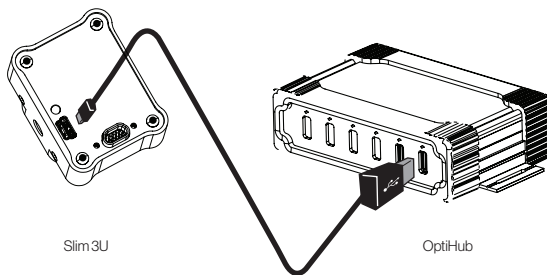# Slim 3U

Quick Start Guide

# ❶ Install Software

Download and run the latest software installer on your host computer. Please visit
www.optitrack.com/support/downloads/ for a list of compatible software.

# ❷ Setup Camera Network

### Single Camera:

Connect the Slim 3U camera to a USB port of an OptiHub 2 or generic USB hub or port.

**Diagram 1:** Single camera to USB port



Slim 3U                                        OptiHub
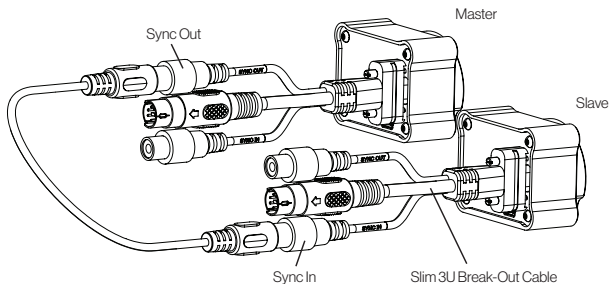
### Multiple Cameras:

Multiple OptiTrack cameras may be synchronized for greater precision, via a
RCA Sync Break-out Cable

*Note: Multiple Slim 3U plugged into an OptiHub 2 will not sync with each
other (unlike OptiTrack's Flex 3 and Flex 13 USB cameras)*

*RCA Sync Break-Out Cable*

1. When using Slim 3U cameras, all cameras in the sync chain must be of the same type. Mixed sync environments are not supported.

2. Plug in RCA Sync Break-Out Cable to each camera (see Diagram 2).

3. Connect master device's "out" connector to slave camera's "in" connector using a RCA Sync Break-Out Cable (sold separately).
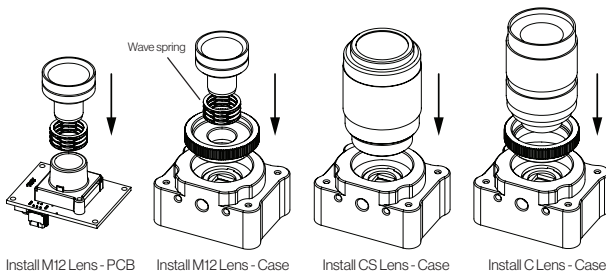
4. Initiate camera synchronization via software.

**Diagram 2:** Multiple camera network using RCA Sync Break-Out Cable



## ❸ Install Lens (Optional)

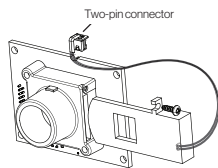Thread the lens into included lens holder/adapter until finger tight.

- PCB-only Slim 3U camera (no case) only supports M12 lenses.
- Mounting an M12 lens on a Slim 3U camera with the case requires a CS to M12 adapter.
- OptiTrack's M12 lenses should be installed with the included Wave Spring for secure focusing.
- CS lenses can be installed directly onto the Slim 3U case.
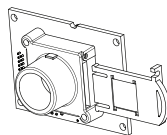- C lenses require a CS to C adapter before mounting onto the camera case.



Install M12 Lens - PCB   Install M12 Lens - Case   Install CS Lens - Case   Install C Lens - Case

## ❹ Install Filter Plug or Filter Switcher (Optional)

- Insert Filter Plug/Filter Switcher into slot on the side of M12 lens holder (right-side slot if camera is upright and facing you).
- Tighten set screw on right side of plug.
- If Filter Switcher: Plug two-pin connector into jack at top rear of board. Route wire through notch at top of board.

**Note:** Perform steps in reverse to uninstall Filter Plug/Filter Switcher.



Two-pin connector

PCB with M12 lens holder and
**Filter Switcher**

PCB with M12 lens holder and
**Filter Plug**

## Technical Notes

- Make sure all USB hubs used with the device are externally powered (plug into wall).
- For best performance, use the device with OptiTrack's OptiHub 2.
- Users must have administrative privileges to install the USB drivers on their computer.
- **Important:** Slim 3U cameras must have a lens installed to track and capture video.

## Need help?

Call technical support at 1-888-965-0435 or e-mail us at support@optitrack.com.