OptiHub Setup with Mixed 18 v100 R1/R2 Cameras

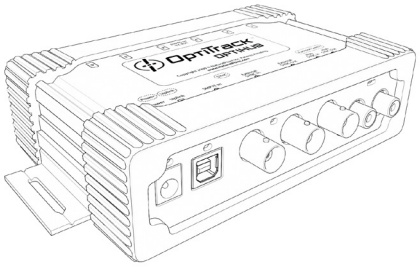
RCA WIRED SYNC

OptiTrack OPTIHUB

*RCA Wired Sync Mode

*All Optional Features Shown
- SMPTE Time Coder
- External Sync IN/OUT
- Active USB Extension

*OptiSync Not Valid with Mixed Camera Comfiguration. Wired Sync Only.



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LEGEND
- RCA Sync Cable
- Hi Speed USB
- External Sync
- USB Uplink

Master Sync Line

6 v100 R1

OptiHub

Master Sync Output for Chain

Hi Speed USB 5m

Up to 2 Active USB Extensions 5m (optional)

6 v100 R1/R2 (mixed)

Generic USB Hub or OptiHub

Hi Speed USB 5m

6 v100 R2

Generic USB Hub or OptiHub

Hi Speed USB 5m

RCA Wired Sync Mode

SMPTE Time Coder (optional)

External Trigger (optional)

Acquisition System (optional)

*Note: Hub USB Uplinks should be divided among both Enhanced Host Controller Interfaces (EHCI) in your PC. Its best to use the USB ports on the back of your system. There should be two separate groups of USB ports, which could identify each EHCI. Plug two hubs into one EHCI and one hub into the other. See diagram to the right.

PC Back Panel

EHCI 1

EHCI 2

USB Uplink*