

VisionLink XF Extenders

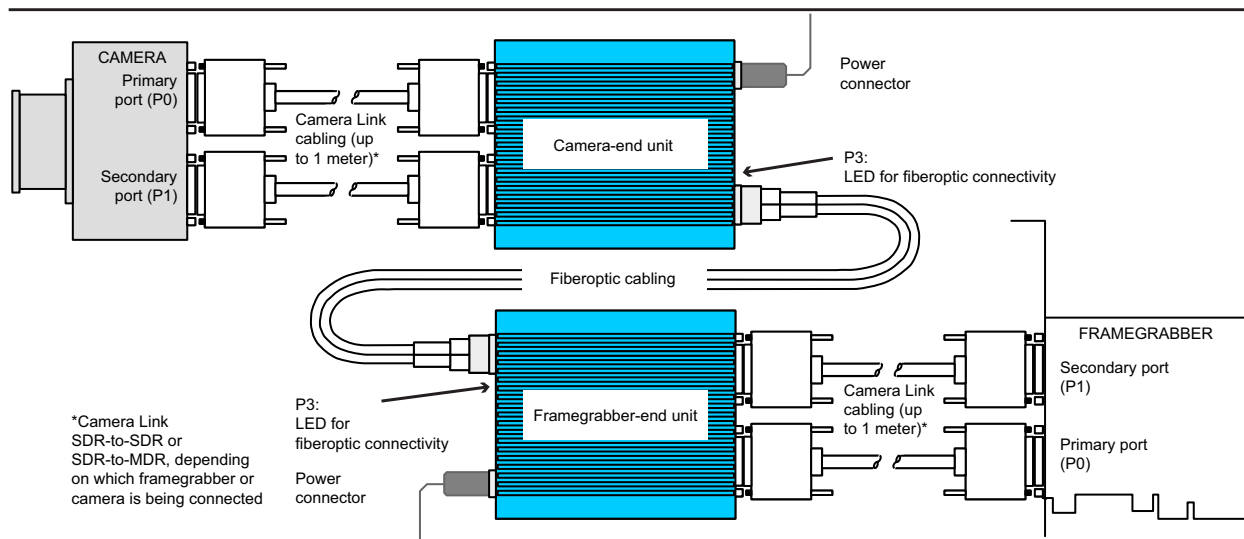
This guide applies to the following VisionLink XF extenders for Camera Link, with Rev01 firmware...

- Part number 053-15258-00: Camera-end unit with standard Switchcraft power connector, Rev00
- Part number 053-15259-00: Camera-end unit with optional Lemo power connector, Rev00
- Part number 053-15332-00: Framegrabber-end unit with standard Switchcraft power connector, Rev00
- Part number 053-15333-00: Framegrabber-end unit with optional Lemo power connector, Rev00

If you have different part numbers or firmware, see www.skyblue.de or contact us for the applicable version of this guide.

To set up your VisionLink XF extender pair, see Figure 1 and the steps below.

Figure 1. VisionLink XF extender pair



Step 1 – With all power off, connect all devices.

- Connect the camera-end extender to the camera and the framegrabber-end extender to the framegrabber with Camera Link cabling.
- In each extender, insert an SFP+ fiberoptic transceiver and close the bale strap.
- Connect the two SFP+ transceivers with fiberoptic cabling.
- Connect each extender to its power supply.

Step 2 – Power on all devices and check LED behavior.

- Power on, in this order: camera; camera-end extender; framegrabber-end extender; framegrabber (in host computer).
- Verify that the LED behavior is steady green, as explained below.

On the unit linked to the...	If the LED by...	Shows this behavior...	Then it means...
Camera	P3	Green, no flash	Good - the camera pixel clock and the other XF unit are detected
		Green, slow flash (1Hz)	Error - the camera pixel clock is not detected
		Red, slow flash (1Hz)	Error - the other XF unit is not detected
Framegrabber	P3	Red, slow flash (1Hz)	Error - the other XF unit is not detected