CrystalLink USB 3.0 Active Cable

Features and Benefits
- Active copper cable designed to deliver high frequency USB 3.0 signals to 50’ (15m)
- Industrial grade cable
- Compliant with AIA USB3 Vision™ cameras
- Can add a powered USB hub to expand the number of supported USB3.0 devices
- USB locking connector at device end compatible with AIA USB3 Vision™
- Cable slot at device end to secure connector with supplied cable tie
- LED at device ends indicates power, enumeration status, or over-current condition
- Plug-and-play, requires no software or drivers
- Works with all major operating systems: Windows, Mac OS X, and Linux

Product Overview
The USB3.0 extender cable allows high speed USB 3.0 devices to be used with a computer which is up to 50 feet away (15m). Simply plug the cable into a USB 3.0 host port, and connect a USB 3.0 camera or other USB 3.0 high speed device to the other end of the cable. Once connected, the status LED at the remote end glows green to indicate a successful connection.

The USB 3.0 extender cable provides transparent USB extension in a true plug-and-play format, with no software or drivers required. The cable works with all major operating systems, including Windows®, Mac OS X®, and Linux®. The cable works with AIA USB3 Vision™ compliant devices, such as machine vision cameras.

Note that this cable only extends USB 3.0 signals and not USB 2.0 or 1.1. The cable jacket is PVC and is not approved for plenum or riser installations.
**Typical Application**

The USB3.0 extender cable is designed for use in environments which may be hazardous, or where highly detailed photo/image magnification is required: medical applications, robotic assembly lines, post-production editing, remote storage, or other applications.

![USB 3.0 Cable](image1)

**Installation**  Note that the host end has two connectors. The main one should connect to the USB 3.0 port. The second one on the pigtail can go to any USB port. It supplies additional power to the remote device. The locking connector at the device end supports AIA USB3 Vision™ compliant cameras. There are also mounting slots to secure the remote connector with the tie wrap supplied. If there is excess cable, it should be coiled neatly, observing the maximum bend radius.

If additional remote USB3.0 devices need to be added, then a powered USB3.0 hub can be added at the remote end. This product supports USB3.0 devices only, and is not backward compatible with USB2.0 or USB1.1.

**Operation**  The device should enumerate normally once connected. The LED at the device end should be green, otherwise consult the manual for troubleshooting.

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**Specifications**

| Dimensions | Length: 49.2' (15 m)  
|           | Device end: (W x D x H)  
|           | 1.3” x 3.4” x .6”  
|           | 32.5mm x 85.5mm x 14.4mm  
|           | Cable diameter .27” (6.9 mm)  
|           | Maximum Bend Radius 1.10” (28 mm)  
| Weight | 2.4 lb (1.1 kg)  
| Power | Bus powered from host device,  
|       | 900 ma available to remote device  
| Distance | Up to 50’ (15m)  
| Connectors | Host End:  
|           | USB: USB 3.0 type A connector  
|           | Extra Power: USB type A connector  
|           | Receiver End:  
|           | USB device: USB 3.0 type A locking receptacle with slots for cable tie  
| Environment | Operating temp: 32°F – 113°F (0°C – 45°C)  
|           | Storage temp: -20°F – 70°F (-4°C – 158°C)  
|           | Rel. humidity: 20% – 80%, non-condensing  
| Jacket material | PVC  
| Approvals | FCC, CE, RoHS2, VW-1(UL1581)  
| Machine Vision | AIA USB3 Vision™ compliant  
| OS Compatibility | Windows, Mac OS X, Linux  
| Indicators | LED is green: All OK  
|           | LED is red: Power or host problem  

**Part numbers**

CLK-1U3TP-15M-CAB  CrystalLink USB3.0 Extender Cable