



USB3.0 Hybrid Active Optical Cable



User Manual

USB3.0 Hybrid Active Optical Cable

EPU3HC-A1A4K100M

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Revision 1.0



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Important Safety Information

- ⓘ Please read the important safety information.

The information can help you safely use this product. Please read and understand all of the information for this product firstly.

The end user's security is very important. Our products are safe and effective. However, the product is an electronic device with power cord and other parts that may cause danger if not follow the user manual to use it, and lead to personal injury and property loss. In order to reduce the risk, please follow the user manual to use the product.

Please follow the information as below and it can help to reduce the risk of personal injury and property loss.

- Avoid wetting the product. Please keep the product away from liquid to avoid wetting the product and the danger of electric shock.
- Avoid damaging the cable. Excessive force on the cable may damage or break it. Connect all cables appropriate to avoid being damaged and hampering operation of the product.
- Avoid external damage to the product. Do not drop, bump, scratch, hit, strong vibration the product, and do not put heavy loads on the product.

Chapter 1 Hardware Description

1. Product Profile

U3HC is new generation of USB3.0 hybrid cable. Its build-in unique SuperTT technology is capable of realizing mutual conversion between USB3.0 and USB2.0 protocols, so as to enable USB2.0 equipment to share the super speed bandwidth (5Gbps) of USB3.0.

Features :

- Support USB3.0/2.0/1.1 devices
- The maximum cable length can be up to 100m
- The maximum transition speed can be up to 5Gbps
- A substantial increase in USB2.0 device bandwidth with Build-in SuperTT technology
- Without power
- Providing maximum 900mA/5V (50m+ cable is only support 600mA/5V)



for the device.

- With locking screw holes
- Hot plugging
- No driver
- Anti-jamming

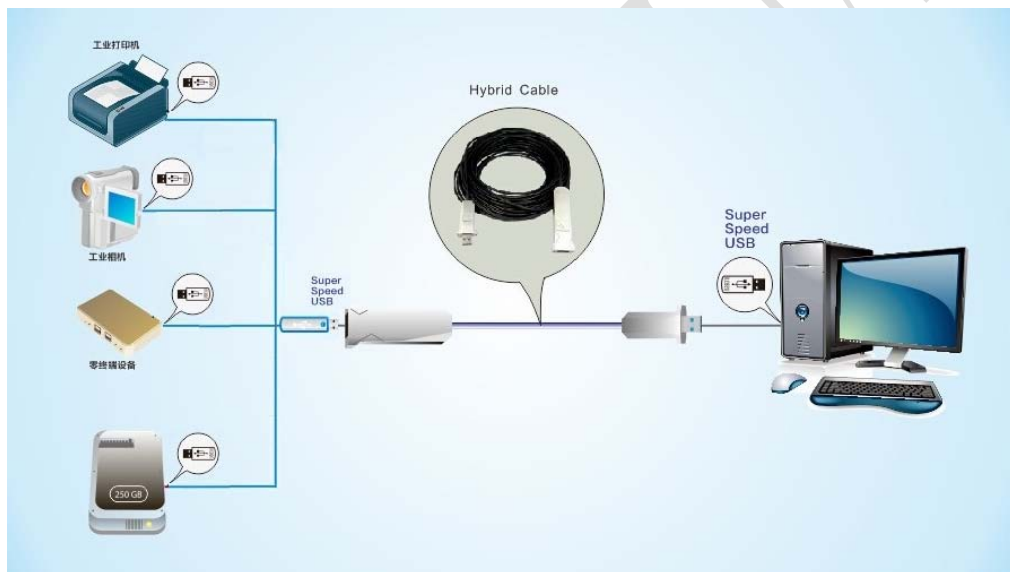


Note:

1. The product features two studs to conveniently mount on host.
2. Can be powered from the host by USB cable connected between the host A type and the product Micro B type receptacle if power supply shortage.

2. Hardware Install

Connect U3HC A type plug to the host USB3.0 A type receptacle, and connect U3HC A type receptacle to devices by one USB cable. Connection diagram as follows,



- Ⓢ Requires a separate power supply for the HUB if the U3HC's downstream port connect to HUB.
- Ⓢ Attention, don't be scalded by the interface shell because the temperature may be high if long time use the product.

Chapter 2 Common Problems

1. The wire cable is not connected.

- (1) Check the appearance of the wire cable to see if there is abrasion, incompleteness and crack.
- (2) Check if the product has been connected to the host or devices normally.
- (3) Supply power from the host by the USB cable between the A type receptacle of host and the micro B type plug of U3HC.



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NOTE:

- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.