

## 1080p HDMI® KVM Console Extender Over Fiber with HDMI Audio & IR - 1km

SV565FXHD



\*actual product may vary from photos

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## FCC Compliance Statement

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 StarTech.com could void the user's authority to operate the equipment.

## Industry Canada Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

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# Introduction

## Packaging Contents

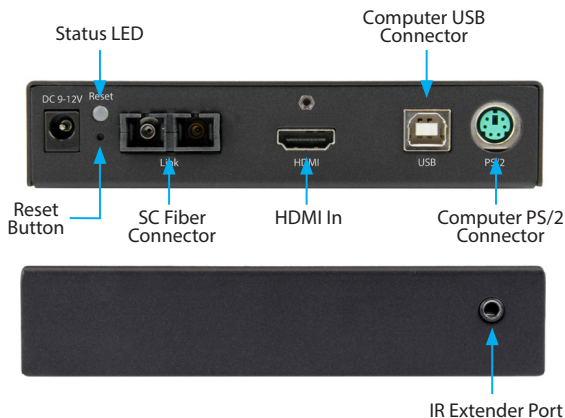
- 1 x Local Extender Unit
- 1 x Remote Extender Unit
- 1 x PS/2 Y-Cable
- 1 x External IR Sensor Kit
- 1 x SC-SC Fiber Optic Cable

## System Requirements

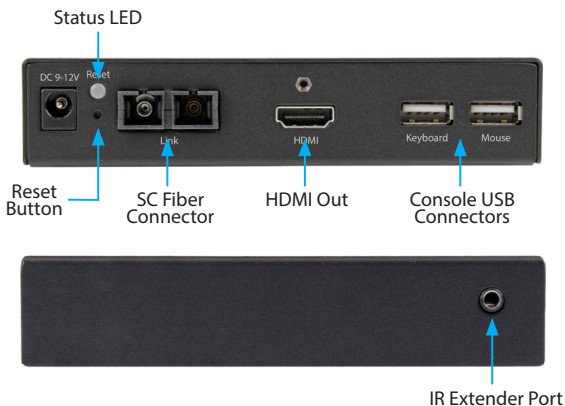
- A USB-compatible computer with an HDMI output
- USB Keyboard and Mouse
- An HDMI display
- SC-terminated fiber optic cabling at the desired extension distance

# Product Diagram

## Computer Unit



## Console Unit



# LED Indicators

Link OK / Power

Status LED

## **Console Unit**

Solid Red: Power on

## **Computer Unit**

Solid Green: Power on

## **Both Units**

Solid Blue: Connection to a powered-on extender unit detected

Flashing Yellow: Link / Activity indicator

## Installation

### Hardware Installation

#### Preparing Your Site

1. Determine the locations for your source PC / Server you are extending, and the remote console.
2. Prepare SC to SC fiber optic cabling (50/125 or 62.5/125) at the required distance for interconnection between Console Unit and Computer Unit. See the chart below for cabling considerations.

Cable Type	Multi-Mode				Single Mode	
	50/125 $\mu$ m		62.5/125 $\mu$ m		9/125 $\mu$ m	
Video Resolution	1080p	1080i	1080p	1080i	1080p	1080i
Max. Cable Length	1000m (3281ft)	1200m (3937ft)	450m (1476ft)	550m (1804ft)	1000m (3281ft)	1200m (3937ft)

- OM3 fiber optic cable is recommended.
- It is recommended to complete the fiber cable installation in one pull where possible.
- The cable used should not exceed the Max. Cable Length (refer to the table above), otherwise signal degradation may occur.
- Order the appropriate cable lengths, conforming to your application environment

and follow the cable manufacturer's recommendations. Fiber optic cable is often custom designed for the installation and the manufacturer may have specific instructions on its installation.

## Installing the Computer Unit

1. Place the Computer Unit near your source PC / Server.  
**Note:** It is recommended to leave the PC powered off until all cables are connected and the KVM Extender has been powered.
2. Connect a USB A-B cable to the USB port on the Computer Unit, and an available USB port on the PC / Server.  
OR  
If using PS/2, connect the supplied PS/2 Y-Cable to the Computer Unit, then connect separate PS/2 cables for keyboard and mouse to the available ports on the PC / Server.
3. Connect an HDMI cable to the Computer Unit, and to an available HDMI Port on the PC / Server.  
**Note:** If connecting a Blu-Ray player as the video source, the supported playback resolution is 1080p/i and 720p only.
4. (Optional) If using a device that has a remote control, connect the IR Transmitter to the port on the front of the Computer Unit and place near the sensor on your device.
5. Connect the included power adapter to the DC jack on the Computer Unit.
6. Power on the PC / Server.



## Installing the Console Unit

1. Place the Console Unit near the monitor and USB device(s) in the desired remote location.
2. Connect an HDMI / DVI cable to the Console Unit (HDMI / DVI Out) and to the monitor.
3. Connect your USB Keyboard and Mouse into the USB ports on the Console Unit.  
**Note:** The USB console connections are designed for keyboard and mouse input devices only, and do not support data transfer from storage devices (e.g. USB Flash Drives or External Hard Drives).
4. (Optional) Connect the IR Receiver to the port on the front of the Console Unit.
5. Connect the included power adapter to the DC jack on the Console Unit.





<b>Video Signal</b>	HDMI
<b>Connectors</b>	<p>Computer Unit:</p> <ul style="list-style-type: none"> <li>1 x HDMI (19-pin) female</li> <li>1 x USB type B female</li> <li>1 x PS/2 female</li> </ul> <p>1 x Fiber Optic SC Duplex female</p> <p>Console Unit:</p> <ul style="list-style-type: none"> <li>1 x HDMI (19-pin) female</li> <li>2 x USB type A female</li> <li>1 x Fiber Optic SC Duplex female</li> </ul>
<b>Compatible Cabling</b>	SM / MM Fiber optic cabling
<b>Maximum Cable Length</b>	1000 / 3281ft
<b>Video Resolution</b>	1080p, 1920x1200
<b>Enclosure Material</b>	Aluminum
<b>Operating Temperature</b>	0°C to 50°C (32°F to 122°F)
<b>Storage Temperature</b>	-20°C to 70°C (-4°F to 158°F)
<b>Humidity</b>	0~80% RH (Non-Condensing)
<b>Dimensions (per unit)</b>	5.16x5.11x1.06in (131x130x27mm)

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## Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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