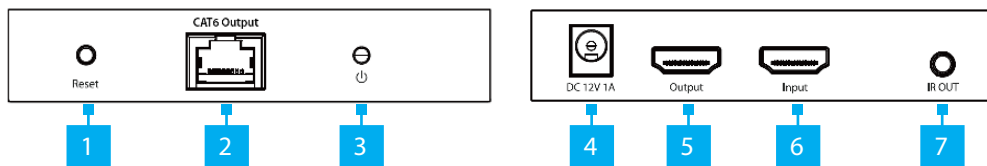


HDMI over CAT6/6A Extender - 4K 60Hz - 230ft (70m)

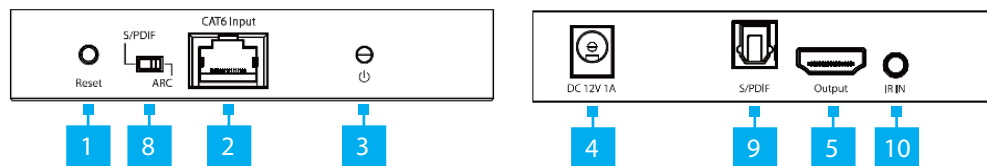
Product ID

4K70IC-EXTEND-HDMI

Transmitter



Receiver



Port	Function
1	Reset Button
2	RJ45 Port
3	Power Indicator
4	DC 12V Port
5	HDMI Output Port
6	HDMI Input Port
7	IR Output Port
8	Audio Input Selector
9	Optical Audio Output
10	IR Input Port

- **Transmitter and Receiver:** Reboots the unit which will cause a renegotiation of connected devices
- Connect the **Transmitter** and **Receiver** together, using a **CAT6/6a Ethernet Cable** (sold separately)
- **Flashing Blue:** Power connected, but no HDMI input signal is detected
- **Solid Blue:** Power connected, and a HDMI input signal is detected
- Power the **Transmitter** or **Receiver** using the included **Power Adapter**
- Connect to an **HDMI Display**
- Connect to an **HDMI Source Device**
- Connect the **IR Blaster** to the **Transmitter**
- Switch **Receiver's** audio input source between the **Transmitter's HDMI Input Port**, or **Receiver's HDMI Output Port**
- Connect to an **S/PDIF Input** on a **Audio Device** (i.e. A/V Receiver)
- Connect the **IR Receiver** to the **Receiver**

Product Information

For the latest product information, technical specifications, and declarations of conformance, please visit: www.StarTech.com/4K70IC-EXTEND-HDMI

Package Contents

- Local HDMI Transmitter Unit x 1
- Remote HDMI Receiver Unit x 1
- IR Blaster x 1
- IR Receiver x 1
- Rubber Feet x 8
- Mounting Kit x 1
- Power Adapter x 1
- Quick-Start Guide x 1

Installation

(Optional) Mounting Kit

Note: Before mounting the **HDMI Extender** make sure that the surface you are mounting to is strong enough to support the weight of the **HDMI Extender**. It is recommended that you mount the **HDMI Extender** on a wall stud to provide the correct support.

1. Determine the **Mounting Surface** for the **HDMI Extender**.
2. Place the **Mounting Brackets** on each side of the **HDMI Extender**. Align the **Holes** in the **Mounting Brackets** with the **Holes** on the sides of the **HDMI Extender's Transmitter** and **Receiver**.
3. Insert two **Screws** through each **Mounting Bracket** and into the **HDMI Extender**.
4. Tighten each **Screw** using a **Phillips Head Screwdriver**.
5. Mount the **HDMI Extender** to the desired **Mounting Surface** using the appropriate **Mounting Hardware** (e.g. Wood Screws).

Installing the HDMI Transmitter and Receiver

1. On the **Transmitter**, use the **Audio Output Selector** to set which audio output the setup requires.

Note: If changing the audio output after initial installation, a power cycle may be required.
2. Position the **Transmitter** near the **HDMI Source Device**.
3. Connect an **HDMI Cable** (not included) from the **HDMI Source Device** to the **HDMI Input Port** on the **Transmitter**.
4. (Optional) Connect an **HDMI Cable** (not included) from the **HDMI Output Port** on the **Transmitter**, to a **Local HDMI Display**.

To view manuals, FAQs, videos, drivers, downloads, technical drawings, and more, visit www.startech.com/support.

- 5. Position the **HDMI Receiver** near the **HDMI Display Device**.
- 6. Connect a **CAT5e/6 Cable** (not included) from the **RJ45 Port** on the **Transmitter** to the **RJ45 Port** on the **Receiver**.
Note: The cabling cannot go through any networking equipment (e.g. router, switch, etc.).
- 7. Connect an **HDMI Cable** (not included) to the **HDMI Output Port** on the **Receiver** and to the **HDMI Display Device**.
- 8. (Optional) Connect a **Toslink (S/PDIF) Cable** from the **Optical Audio Output** on the **Receiver**, to a **Optical Audio Input** on an **Audio Device** (i.e. A/V Receiver)
- 9. Connect the included **Universal Power Adapter** to the **DC 12V Port** on the **Transmitter** or **Receiver** and to an **Electrical Outlet**.

Note: For optimal performance, it is recommended to power the **HDMI Extender Kit** through the **Transmitter** unit. However, it is possible to power the **HDMI Extender Kit** through the **Receiver** unit by connecting the **Universal Power Adapter** to the **Receiver** unit.

Installing the IR Blaster and IR Receiver

Control the HDMI Source Device from the Receiver’s location

- 1. Connect the **IR Blaster** (Labelled “IR Out”) to the **IR Output Port** on the **Transmitter**.
- 2. Peel the **Film** off of the **Adhesive Pad** that is located on the **IR Blaster**. Position the **IR Blaster** so that it is pointing directly at the **IR Sensor** on the **HDMI Source Device**.
Note: Consult the **HDMI Source Device’s** manual to determine the location of the **IR Sensor**.
- 3. Connect the **IR Receiver** (Labelled “IR In”) to the **IR Input Port** on the **Receiver**.
- 4. Peel the **Film** off of the **Adhesive Pad** that is located on the **IR Receiver**. Position the **IR Receiver** in a location where there is a clear path to the **Remote Control**.
- 5. Use the **Remote Control** for the **HDMI Source Device** to control the **HDMI Source Device** from the **Receiver’s** location.

Regulatory Compliance
FCC - Part 15

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:

- 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)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- Le présent appareil est conforme aux CNR d’Industrie Canada applicables aux appareils radio exempts de licence. L’exploitation est autorisée aux deux conditions suivantes:
- (1) l’appareil ne doit pas produire de brouillage, et (2) l’utilisateur de l’appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d’en compromettre le fonctionnement.

Operation

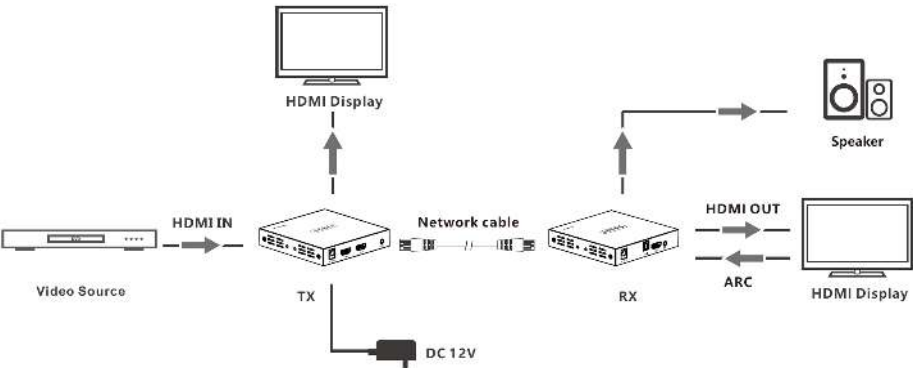
Audio Input Selector

The **Audio Input Selector Switch** can be used to change which **Audio Source** is used for the **Receiver** unit, depending on the requirements of the setup.

Note: Audio will output through the **S/PDIF Port** in both modes. For **ARC Mode**, **HDMI Audio Return Channel** support is required on the **HDMI Display**.

Audio Input Selector Mode	Receiver Audio Source
S/PDIF	HDMI Audio from Transmitter – Audio of the HDMI Source is output.
ARC	HDMI Audio from the display on the receiver side is output.

Connection Diagram



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Warranty Information

This product is backed by a two-year warranty.
For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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