

# House of Worship



**Challenge:**

House of worships want to improve service experience to attract and engage new members. Staff members don't want members to miss important messages or happenings when they are located at different parts of the building. Reliable AV gear becomes critical when multiple services happen every week. They want the flexibility of scalable switching to show the same content on all displays or different content on different displays.

**Solution:**

SIIG's HDMI Over IP Extender / Matrix with IR allows scalable switching between many inputs to many outputs controllable via computer software creates captivating visuals and engaged viewers. This solution is a cost effective way to extend video distribution over long distance to increase your visual and audio impact throughout the venue.

**Equipment:**

<b>Equipment</b>	2x HDMI Over IP Extender/Matrix with IR – Kit (part # CE-H23A11-S1) 4x HDMI Over IP Extender/Matrix – Receiver (part # CE-H23C11-S1)
<b>Source Input</b>	Supports up to 2 source inputs such as Laptops, Tablets, AV receivers, or Blu-Ray/DVD players
<b>Source Output</b>	Supports up to 6 HDMI TVs or displays

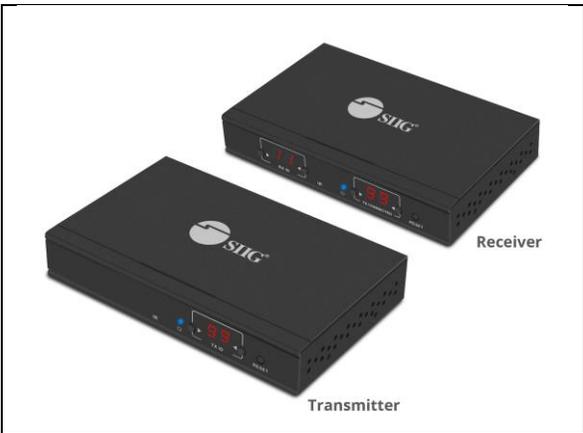
**HDMI Over IP Extender/Matrix with IR- Kit**

Extends high definition 1080p signals from an HDMI source device to a display device through economical Cat5e/6 cabling up to 120 meter using advanced HDBitT over IP technology.

- Works as a scalable TX/RX Matrix over dedicated IP network, allows up to 256 total units, limited to 100 transmitters. Additional transmitter units (part# CE-H23B11-S1) and receiver units (part# CE-H23C11-S1) sold separately

**Note:** Dedicated unmanaged IGMP Gigabit Switch is recommended for best performance and reliability. Not recommended for use on a shared LAN environment

- Supports up to 1080p@60Hz video resolution to deliver stunning and crystal clear images
- Supports IR pass back function to control and switch the source device(s) from the remote RX location
- Supports computer control software to select and switch between source devices



## HDMI Over IP Extender / Matrix with IR – Receiver

Receives high definition 1080p signals using HDBitT technology through economical CAT5e/6 cabling from the transmitter unit up to 120 meters away.

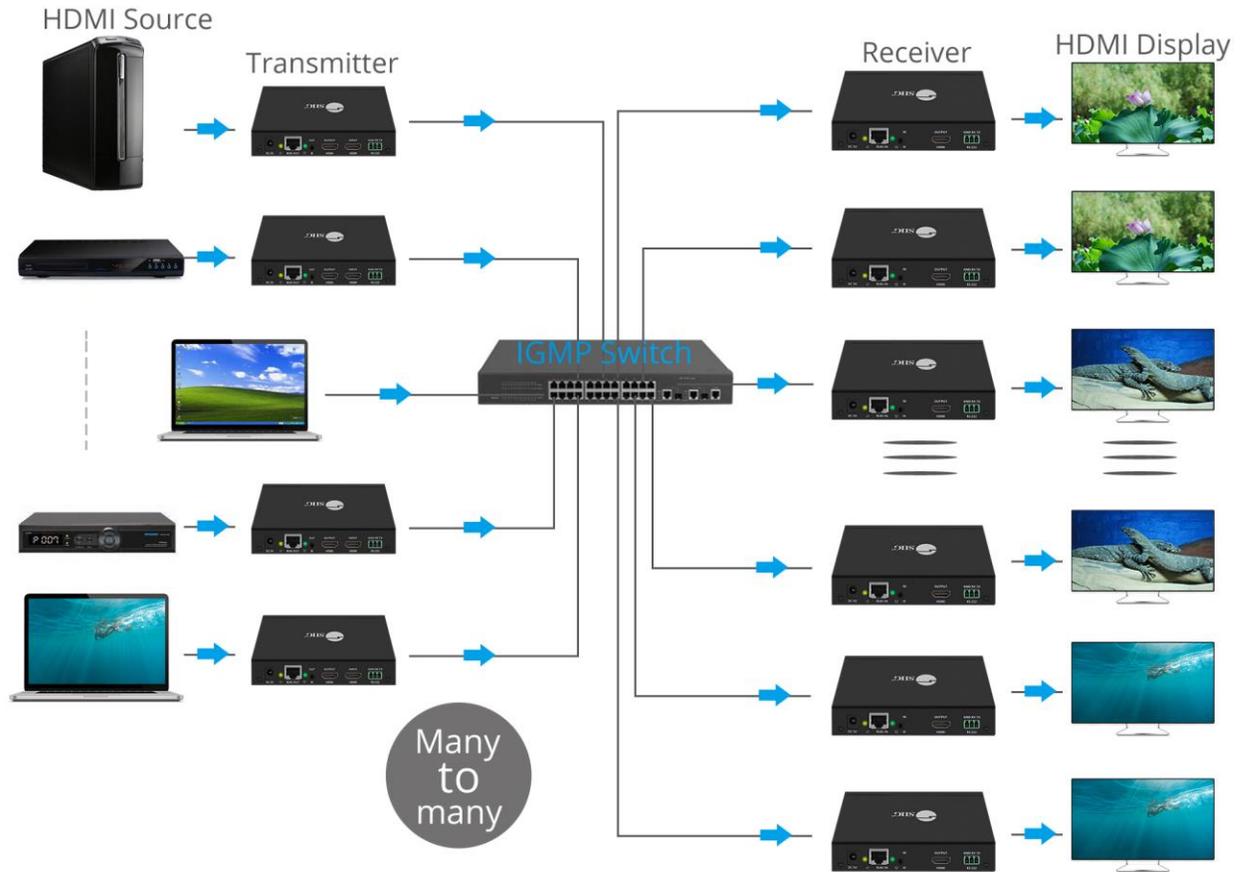
- Works as a scalable TX/RX Matrix over dedicated IP network, allows up to 256 total units, limited to 100 transmitters. Additional transmitter units (part# CE-H23B11-S1) and receiver units (part# CE-H23C11-S1) and HDMI Over IPExtender with IR - Kit (part # CE-H23A11-S1) sold separately  
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## Connection Diagram

# Matrix Connections

Supports up to 256 total units, maximum of 100 transmitter units allowed.



Note: The switch has to support IGMP function, otherwise, it may cause your private network busy and slow.