



SC T HE04SEK HDMI Extension Solution Instruction Manual

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SC T HE04SEK HDMI Extension Solution



Product Information

The HE04SEK HDMI Extension Solution is designed for professional audio/video installations. It consists of the

HE04SET transmitter and the HE01SER receiver, providing flexible connections for video transmission. This solution supports long-distance connections and distributions to local and remote displays such as PC monitors, TVs, projectors, and more. It is suitable for enterprise, education, and government clients, offering enhanced monitoring work or learning experiences.

Features:

- HDMI Distribution Amplifier
- No Power Required for the Receivers
- Flexible connections for video transmission
- Supports long-distance connections
- Distributes to local and remote displays
- Easy installation
- EDID Management for compatibility with different resolutions
- RS232 Control for remote monitor management

Product Usage Instructions

Extending HDMI Signal:

To extend a 1080p HDMI signal for up to 40 meters, you can use cost-effective CAT5e (or better) cables.

Extending Distance:

If 40 meters is not sufficient for the connection, you can add more distance by using the HR01 device. Each HR01 unit extends the signal by an additional 50 meters.

Connecting Multiple Monitors:

The transmitter has a built-in HDMI loop-out port that can connect to the next same transmitter (up to 3 transmitters) to have up to 12 HDMI outputs for remote displays. Additionally, the loop-out port can connect to an HDMI monitor on the local side, providing extra views for both remote and local users.

Easy Installation:

The HE04SEK features a dongle design that allows you to directly plug it into the HDMI input of an HDMI monitor without using an actual HDMI cable.

EDID Management:

The product provides a variety of EDID options to choose from. This allows your videos to fit in displays with different supported resolutions.

RS232 Control:

You can easily turn on/off HDMI monitors on the remote end by typing in RS232 commands. For further assistance, please contact SCT at:

Website: www.sct.com.tw

Email: service@sct.com.tw

Phone: (02) 2218-6886

Designing for Projects

HDMI Distribution Amplifier, No Power Required for the Receivers

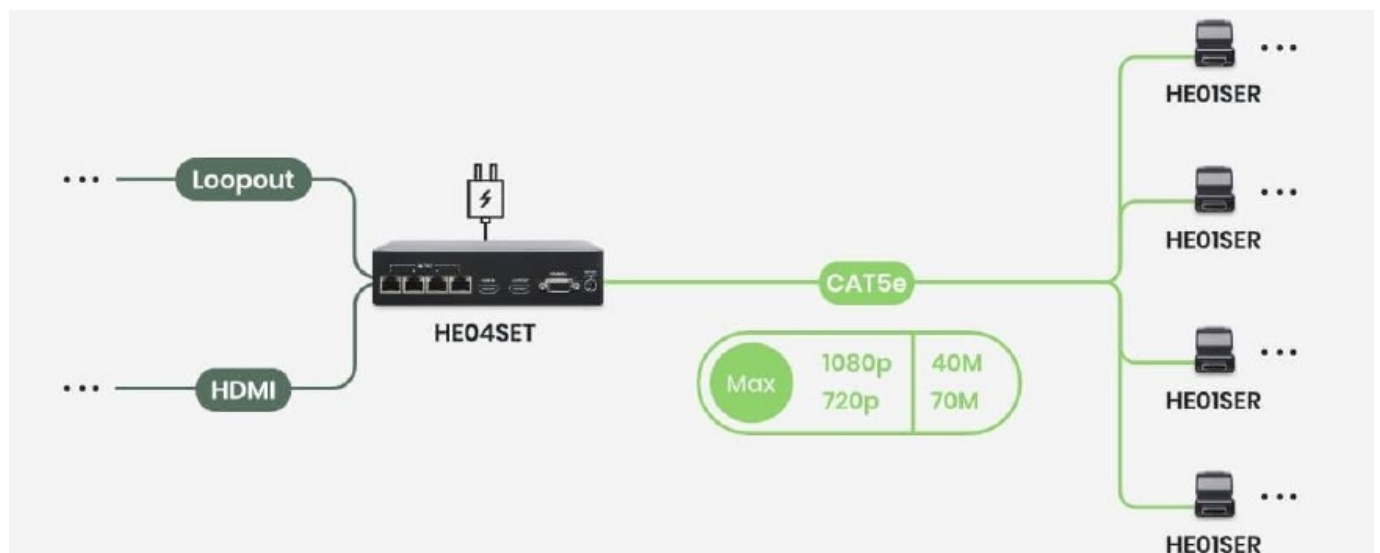


HE04SEK
(HE04SET, HE01SER)

SC&T's HE04SET and HE01SER provide professional installation with flexible connections for video transmission on either the transmitter or receiver side. Together, they support long-distance connections and distributions to local and remote displays like PC monitors, TVs, projectors, and more. The HE04SET and HE01SER offer system integrators a flexible, and easy installation, enabling an enhanced monitoring work or learning experience for enterprise, education, and government clients.

Extending, Distributing at the Same Time

Need More Distance?



Extending over CAT5e cables

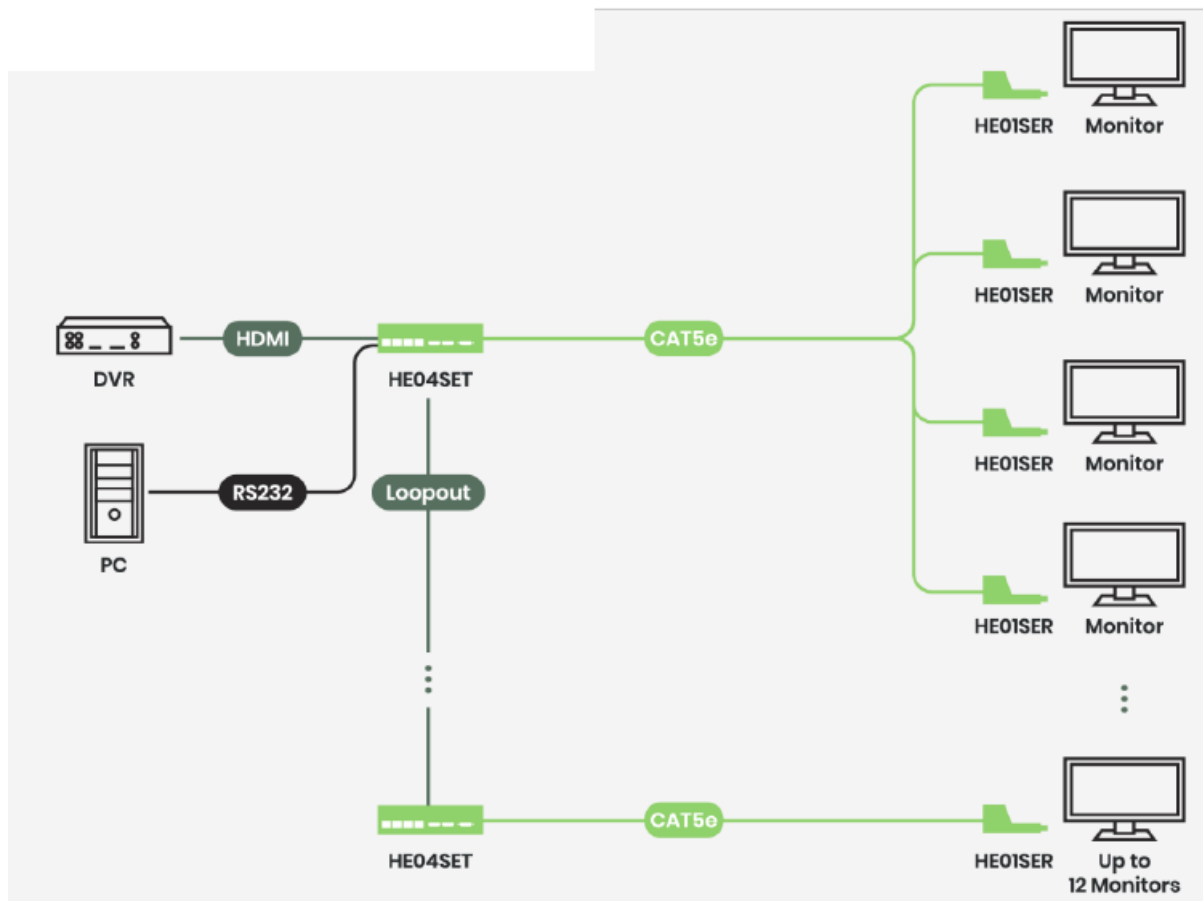
You can use cost-effective CAT5e (or better) cables to extend a 1080p HDMI signal for up to 40M.



Repeating your HDMI Signal

If 40M is not sufficient for the connection, you can add more distance with HR01 (each piece extend 50M further)

Need More Monitors?



Stackable

The transmitter has a built-in HDMI loop-out port that can connect to the next same transmitter (Max. 3 pcs) to have up to 12 HDMI outputs for remote displays.

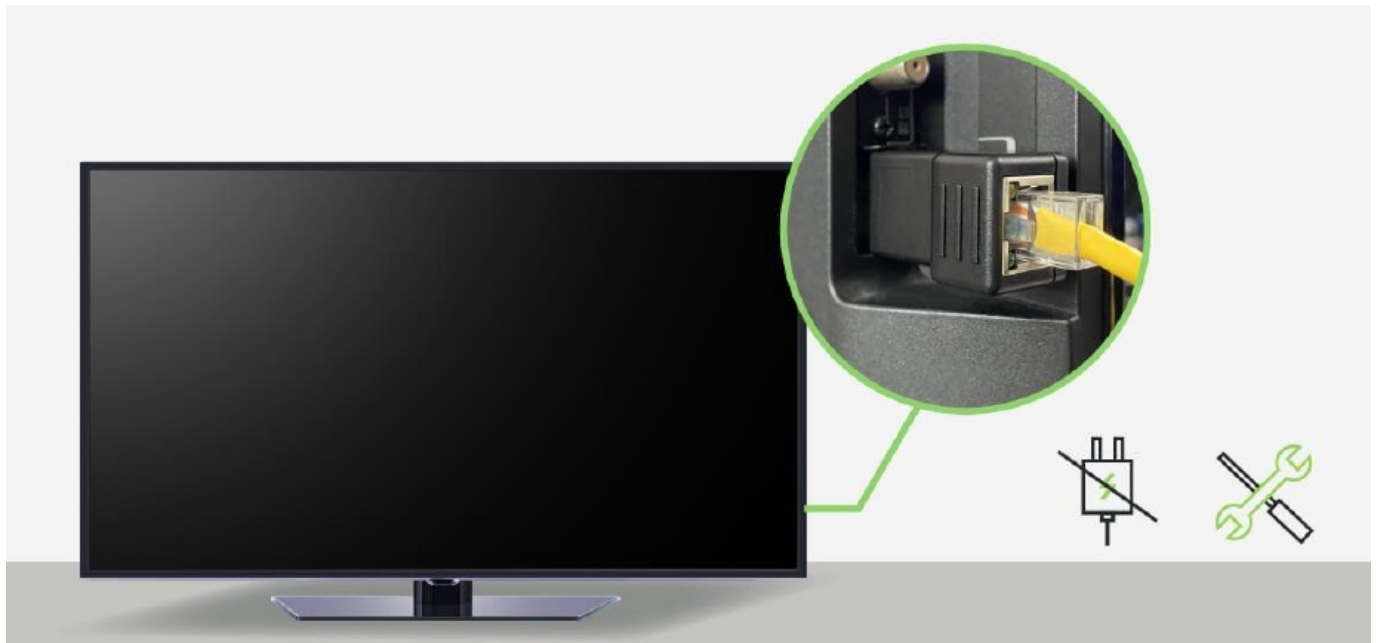
Local Loop-out

The loop-out port can also connect to an HDMI monitor on the local side, providing extra views for not only the people from distance but those on the local end.

User-friendly Design

Easy Installation

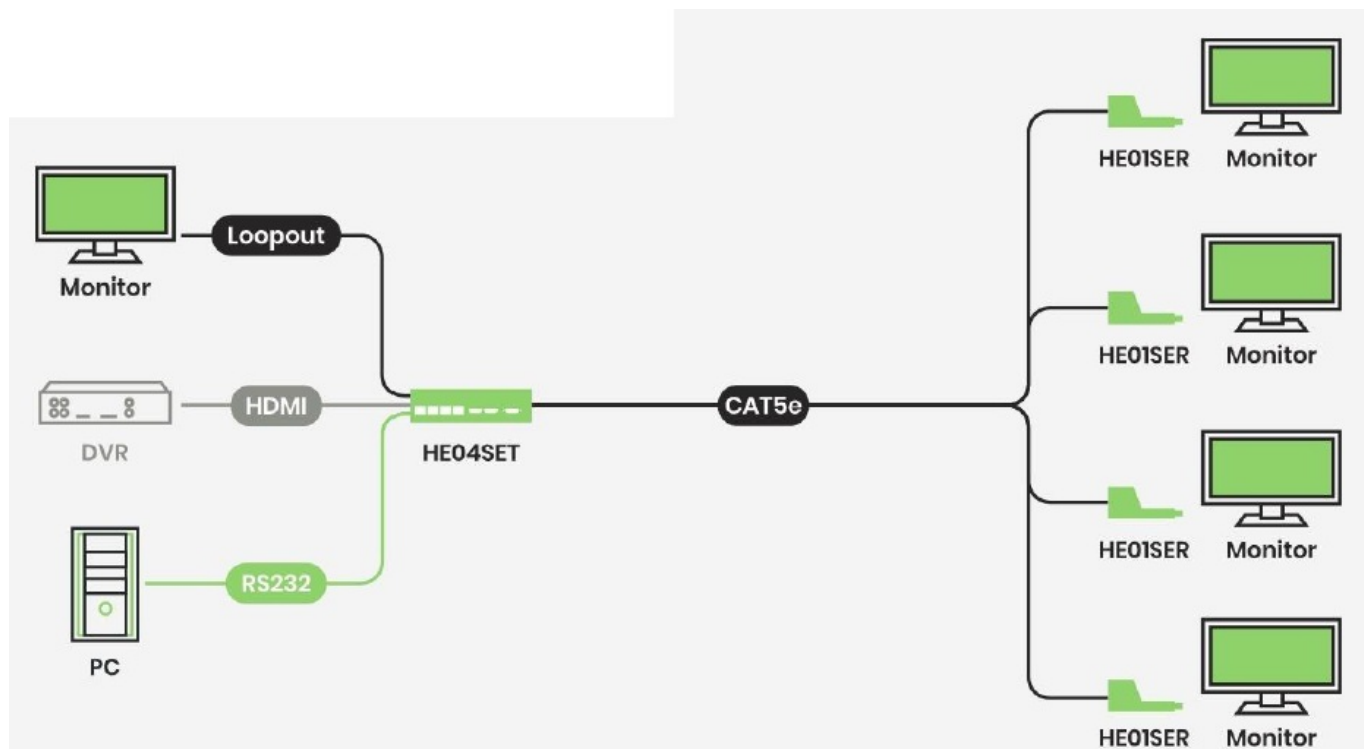
Dongle design allows you to directly plug in the HDMI input of an HDMI monitor without an actual HDMI cable.



EDID Management			
No.	Resolution	No.	Resolution
1	1024 x 768	5	1600 x 900
2	1280 x 720	6	1680 x 1050
3	1280x1024	7	1920 x 1080
4	1366 x 768	8	1920 x 1200

EDID Management

Providing a variety of EDID options to choose from, which allows your videos to fit in displays with different resolutions supported.

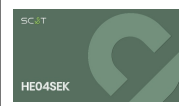


RS232 Control

You can turn on/ off HDMI monitors on the remote end by simply typing in RS232 commands.

www.sct.com.tw
service@sct.com.tw
 (02) 2218-6886

Documents / Resources

	SC T HE04SEK HDMI Extension Solution [pdf] Instruction Manual HE04SEK HDMI Extension Solution, HE04SEK, HDMI Extension Solution, Extension Solution, Solution
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References

- [SC&T - CCTV Security and Audio-Video Cabling System Manufacturers in Taiwan Smart Cabling & Transmission Corp.](#)
- [HDMI Repeater | SC&T](#)