

Home Theater HDMI / superMHL / MHL Transmitters

Securely transmit premium commercial entertainment protected content at resolutions up to 8K Ultra HD at speeds of up to 18 Gbps from Blu-ray players, A/V receivers, set-top boxes, media/PC sticks and home theater

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[Home Theater Video Processors](#)

Crystal clear – Integrated superMHL and HDMI 2.0 enables screen resolutions of up to 8K at 60 fps, as well as full backward compatibility.

Making waves – Dolby Atmos®, DTS-XTM, Dolby® True HD and DTS-HD support ensures customers can bring the cinema experience into their living rooms.

Security guaranteed – Integrated support for the HDCP cipher engine that enables premium video to be securely transmitted and displayed.

Features

- Up to 8K Ultra HD resolutions
- Integrated High-bandwidth Digital Content Protection (HDCP) 2.2 encryption engine
- High bit-rate lossless audio including support for Dolby® True UD and DTS-HD
- Integrated CEC processor
- High dynamic range and support for 12-bit color

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Family Table

Part #	Description
SiI9630	Dual mode superMHL/HDMI video transmitter that supports 8K 60fps when used with the SiI9398.
SiI9334	HDMI transmitter 1 RGB/YCbCr input and 1 HDMI output, with video resolution up to 1080p/30 and support for HDMI Ethernet Channel and Audio Return Channel
SiI9136	HDMI transmitter 1 RGB/YCbCr input and 1 HDMI output, with video resolution up to UltraHD
SiI1136	HDMI transmitter 1 RGB/YCbCr input and 1 HDMI output, with video resolution up to UltraHD. No HDCP support.

Documentation

Quick Reference						
Data Sheet						
TITLE	NUMBER	VERSION	DATE	FORMAT	SIZE	
<input type="checkbox"/> SiI9136 HDMI Deep Color Transmitter	DS1075	Rev. A02	3/31/2016	PDF	1.6 MB	
<input type="checkbox"/> SiI9136-3/SiI1136 HDMI Deep Color Transmitter	DS1084	Rev. C	3/31/2016	PDF	1.6 MB	
<input type="checkbox"/> SiI9334 HDMI Deep Color Transmitter with Ethernet and Audio Return Channel Support	DS1064	Rev. A02	3/31/2016	PDF	1.7 MB	
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