

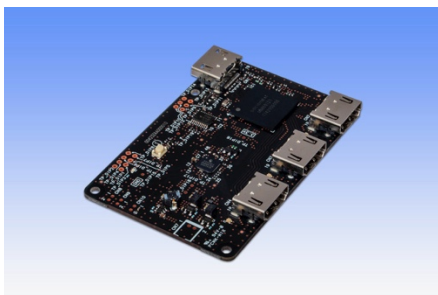
## Socionext Unveils New HDMI Module 'cecTalker'

Designed to Integrate HDMI-equipped Devices, Enabling New Functionalities

**Langen/Germany, 03. August, 2020** --- Socionext Inc. today announced its unique new 'cecTalker' (pronounced 'C-E-C-Talker'), an HDMI module equipped with Socionext's HDMI controller IC. The new cecTalker is capable of connecting, controlling and linking devices that have HDMI terminals, such as audio and video equipment. The company has started shipping samples for device and equipment manufacturers.

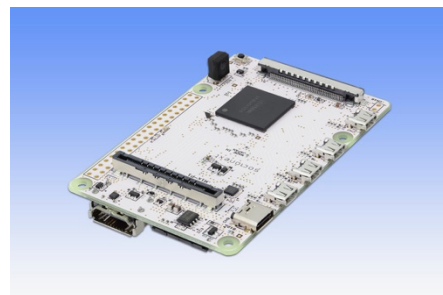
cecTalker utilizes CEC (Consumer Electronics Control), a communication standard of HDMI, and enables devices connected through HDMI cables to perform new operations. Built on the company's expertise in HDMI technology, cecTalker allows users to easily integrate HDMI-compliant devices, even if they originated from different manufacturers and without the standard linkage functionalities. In addition to PCs, cecTalker supports development platforms such as Raspberry Pi, Arduino and SPRESENSE, making it easy for customers to work in their most familiar environments. cecTalker will be certified to the HDMI standard and can be used either in standalone mode or built into other products with added features and applications. Integration and use can be done effortlessly, from proof-of-concept and prototyping to volume production. Applications include connecting audio and video equipment with smart appliances, building home IoT systems, and utilization with video streaming services, medical imaging and industrial applications, among many others.

The current lineup of cecTalker includes the 'HDMI' model with HDMI input and output terminals, and the 'V-by-One' model with the added V-by-One and HDMI conversion functionality. Both models are currently being delivered as samples. Volume production and shipping are scheduled to start in January 2021.



'cecTalker' HDMI Model

[View Larger Image](#)



'cecTalker' V-by-One Model

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### For Press Inquiry

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## cecTalker specifications

<b>Product name</b>			'cecTalker' HDMI model [Black]	'cecTalker' V-by-One model [White]
<b>Purpose</b>			Prototype Development Mass production	Prototype Testing Development
<b>Function</b>			CEC transmission function CEC reception function (requires development costs) 3-to-1 HDMI input selection function 2K/4K low-latency super- resolution function	HDMI-to-V-by-One conversion function V-by-One-to-HDMI conversion function 4-to-1 HDMI input selection function 2K/4K low-latency super- resolution function
<b>Interface</b>	<b>HDMI</b>	<b>Rx</b>	3 ports (Connector: Type-A)	4 ports (Connector: Type-D)
		<b>Tx</b>	1 port (Connector: Type-A)	1 port (Connector: Type-A)
		<b>CEC</b>	Standard	Support for customization
		<b>ARC</b>	Support for customization	-
	<b>V-by-One</b>	<b>Rx</b>	-	1port
		<b>Tx</b>	-	1port
	<b>I2S</b>	<b>Rx/Tx</b>	Support for customization	2 ports (for Raspberry Pi and a sub-board)
	<b>UART</b>	<b>Rx/Tx</b>	2 ports (for Raspberry Pi and SPRESENSE) *1	2 ports (for Raspberry Pi and a sub-board) *2
<b>Power supply</b>			5V/1A (Connector: USB micro-B) *3	5V/1.5A (Connector: USB Type-C)

\*1 SPRESENSE or Raspberry Pi Exclusive

\*2 Main or Sub Exclusive

\*3 2.0A in case of SPRESENSE stacking

### 'cecTalker' product page

<https://www.socionext.com/en/products/assp/cecTalker>

## **For Customer Inquiry**

<https://www.socionext.com/en/contact/>

### **About Socionext**

Socionext is a global, innovative enterprise that designs, develops and delivers System-on-Chip solutions to customers worldwide. The company is focused on technologies that drive today's leading-edge applications in consumer, automotive and industrial markets. Socionext combines world-class expertise, experience, and an extensive IP portfolio to provide exceptional solutions and ensure a better quality of experience for customers. Founded in 2015, Socionext Inc. is headquartered in Yokohama, and has offices in Japan, Asia, United States and Europe to lead its product development and sales activities. For more information, visit [www.socionext.com](http://www.socionext.com).

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