

Beamio is a new method for wireless casting that allows you to beam a crystal-clear, lag-free 4K signal from your computer to any interactive display. Beamio utilizes gigabit radio technology to cast a flawless image along with a USB-touch backchannel for touch interaction, all without using WiFi, entering passwords, frustrating configuration, or taking up bandwidth. It's nearly effortless.

**WiFi-Free 4K UHD mmWave Casting**

No Lag. No hassle. Cast from your computer to any display with USB Type-C® or HDMI® interface, including TV's, projectors, or interactive flat panels using the included receiver, without interfering with WiFi.

**USB® Touch Backchannel**

For bi-directional USB-touch with interactive flat panels, interactive whiteboards, touchscreen monitors, and other interactive displays.

**True Plug-and-Play via USB Type-C®**

Single cable connectivity to your PC, Mac, or Chromebook's USB-C port. No software to download, no drivers to install, and no WiFi interference.

**Connect via HDMI® or USB Type-C® Interface**

Single cable connectivity to next-gen USB Type-C® displays, protectors, and interactive panels. USB Type-C® to HDMI® adapter available as a separate accessory for HDMI® displays.



beamio™ TECHNICAL SPECIFICATIONS

Model	Beamio USB-C Part # HCB-USBC
Connectivity to Computer (TX)	USB 3.0 Type-C®
Connectivity to Display (RX)	USB 3.0 Type-C® (USB Type-C® to HDMI® adapter available for an additional cost)
What's in the Box	• Beamio Transmitter (TX) • Beamio Receiver (RX) with mount • USB Type-C® cable for connection to computer • USB Type-C® cable for connection to interactive display
Wireless	
Support	Peer-to-peer, HDMI 1.4/2.0 standards via USB-C
Encryption	AES128/256-bit image encryption function
Wireless Transmission Distance	30 meters, indirect line-of-sight required, does not penetrate walls, TX and RX must be in the same room.
Video Resolution	4K, 1080p, 1080i, 720p, 576p, 480p
Audio Format	PCM, AAC, Dolby Digital 2.0/5.1, DTS 5.1, LPCM 5.1/7.1
Operating Voltage	DC 5V/2A
Hardware	
Transmitter (TX) Dimensions	52mm x 52mm x 155mm (LxWxH)
Transmitter (TX) Weight	9.9oz
Receiver (RX) Dimensions	43mm x 204mm x 43mm (LxWxH)
Receiver (RX) Weight	10.4oz
Temperature Range	0~40°C (operating temperature); -20~80°C (storage temperature)
Product Certification	FCC, CE, RoHS
Signal Light Status	• Slow blinking: searching for device • Flashing Fast: connecting to Device • Solid: connected
Warranty	
5 years parts and labor (U.S. Only)	

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

© Copyright 2023 Beamio™. All rights reserved. Beamio™ is a trademark of Pathway Innovations, Inc. This is a preliminary data sheet and is subject to change without notice. Depicted product appearance, features and specifications may vary in the final product(s). Pathway shall not be liable for technical or editorial errors or omissions contained herein. Pathway disclaims all responsibility and liability for the distribution of and/or reliance on this data sheet. The following granted or pending patents have been filed by Pathway Innovations, Inc. with the United States Patent and Trademark Office (USPTO): <https://www.hovercam.com/patents.240509>

