

# beamio

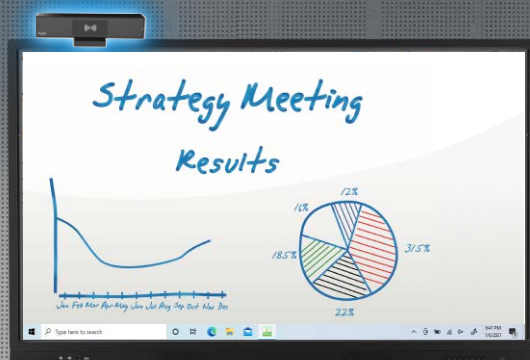
## Wireless HDMI & USB Transceiver Set

Beamio is a new method for wireless casting that allows you to beam a crystal-clear, lag-free 4K HDMI signal from your computer to any interactive display.

Beamio utilizes gigabit radio technology to cast a flawless HDMI signal with a USB-touch backchannel, all without using WiFi, entering passwords, frustrating configuration, or taking up bandwidth. It's nearly effortless.



- 4K UHD Millimeter Wave HDMI Casting
- USB Touch Backchannel  
For use with interactive displays
- HDMI, USB-A, USB-Connectivity
- Effortless Setup
- No WiFi Required



4K HDMI  
USB TOUCH



# Technical Specifications

## Transmitter

Support	Peer-to-peer, WHDI and HDMI 1.4/2.0 standards, AES128/256-bit image encryption function
Transmission	Using real-time wireless HD video transmission technology, no image delay, support 720P@30Hz, 1080P@30Hz, 1080P@60Hz, 4K@30Hz, 4K@60Hz
Wireless Distance	Wireless transmission distance of 30 meters
Operating frequency range	59.40 GHz to 63.56 GHz
Transmit power	12dBm
Antenna mode	Adopt PCB board antenna; antenna gain: 3dBi
Data transfer rate	Forward Channel: 3Gbps (Max)
Network mode	Peer-to-peer
Video format	HD: 480p, 576p, 720p, 1080i, 1080p, 4K
Signal-to-noise ratio	> 23 dB @ (-60 < Rx Pin < -45) dBm
Audio format	PCM, AAC, Dolby Digital 2.0/5.1, DTS 5.1, LPCM 5.1/7.1
Transmission distance	30 m (image quality level 4) (Indoor barrier-free distance)
HDMI protocol	Support HDMI 1.3 (optional hdMI1.4/2.0 3D); Support HDCP1.2
Signal light status	Wireless Connection LED: Bright: The Wi-Fi connection was successful, Slow blinking: The wireless network connection failed, Flashing Fast: Device Exception Video LED: Bright: The video signal output is normal, Not bright: Video signal output failed
Operating voltage	DC 5V/2A
Total power consumption	1080P/3.5W, 720P/2.8W
Temperature range	0~40°C (operating temperature); -20~80°C (storage temperature)
Product certification	FCC, CE, RoHS

## Receiver

Support	Peer-to-peer, WHDI and HDMI 1.4/2.0 standards, AES128/256-bit image encryption function Support high-definition display devices such as projectors and LED TVs with HDMI input interfaces.
Transmission	Using real-time wireless HD video transmission technology, no image delay, support 720P@30Hz, 1080P@30Hz, 1080P@60Hz, 4K@30Hz, 4K@60Hz
Wireless Distance	Wireless transmission distance of 30 meters
Features	Full hardware design, no need to install software, plug and play, simple and convenient
Operating frequency range	59.40 GHz to 63.56 GHz
Backhaul transmit power	8dBm
Antenna mode	PCB board antenna; Antenna Gain: 3dBi
Data Transfer rate	Forward Channel: 3Gbps (Max)
Network Mode	Peer-to-peer mode
Video format	HD: 480p, 576p, 720p, 1080i, 1080p, 4K
Signal-to-noise ratio	> 23 dB @ (-60 < Rx Pin < -45) dBm
Audio format	PCM, AAC, Dolby Digital 2.0/5.1, DTS 5.1, LPCM 5.1/7.1
Transmission distance	≥ 30 m (image quality level 4) (Indoor barrier-free distance)
HDMI protocol	Support HDMI 1.3 (optional HDMI 1.4 /2.0 3D), Support HDCP 1.2
Signal light status	Network LED: Bright: The Wi-Fi connection was successful, Slow blinking: The wireless network connection failed, Flashing Fast: Device exception Video LED: Bright: The video signal output is normal, Not bright: Video signal output failed
Operating voltage	DC 5V/2A
Total Power consumption	1080P/6W, 720P/4W
Temperature range	0~40°C (operating temperature), -20~80°C (storage temperature)
Product certification	FCC, CE, RoHS