



Prestel WB-2H

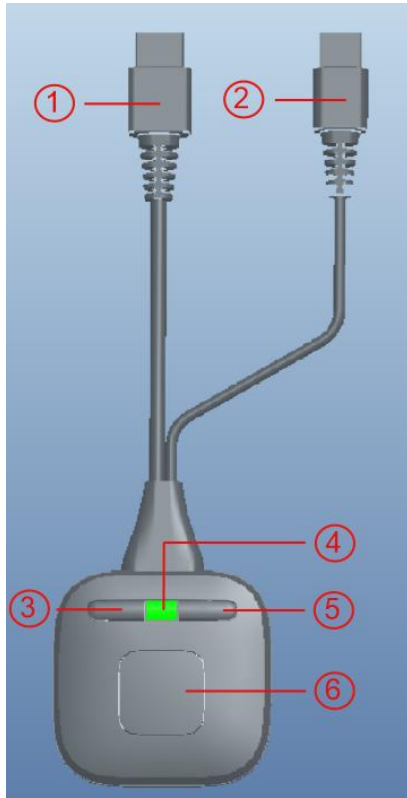
4K Wireless HDMI Transmitter



[DATASHEET](#)

Product Requirements

WB-2H is a brand new 4K wireless dongle that work with any HDMI source including laptop, media box, document camera etc, it transmits not only A/V but also USB data wirelessly between the source and base unit; different with other dongles in the market, it provides additional 2 small buttons for more features and capabilities.



1. Interface/button description:

- ① HDMI
- ② USB
- ③ small button
- ④ LED indicator
- ⑤ small button
- ⑥ big button

2. The technical spec

Specification	
Video Input Connectors	1×HDMI type A 19P male connector
Video Input Resolution	3840x2160@30Hz, 2540x1440@60Hz, 1920x1080@60Hz, 1280x720@60Hz
Format Compliance	HDMI1.4
HDCP	HDCP1.4

USB Interface	USB 2.0 x1
Audio Input	HDMI PCM 2CH
Control connector	USB HID (Touch back)
Video Playback Frame Rate	20-60 FPS
Latency	1080P@60: 80-120ms, 4K@30: 130-170ms
Wireless transmission protocol	WIFI IEEE 802.11 a/g/n/ac
Frequency band	2.4 GHz & 5 GHz
WIFI Antenna	MIMO 2x2
Data rate in wireless	Up to 1200Mbps
Distance	Typical: 35m without obstacle
Dimension (W x D x H)	65mm x 176mm x 13mm
Weight	95 g
Operating Temperature	0° C to +45° C
Storage Temperature	-20° C to +60° C
Relative humidity	20%~ 85% RH (no condensation)
DC Power	USB Internal 5V
Power consumption	2.5W(MAX)

3. Feature description:

- Wireless sharing from any HDMI source, including laptop, media box, document camera etc.
- Wireless content input resolution up to 4K@30 hz.
- Plug-n-play, no software installation for content sharing, easy to use.
- Press button for sharing and stop sharing
- Long press to get full screen view
- Left small button for image freezing
- Right small button for customizable function, like switching camera, switching USB hub, display content sharing.

4. Working logic:

- At 1st time use, people need make sure the dongles are already paired with the base unit.
- After plug-in the dongle to the laptop, the LED indicator will be lighted in green, and then flash for a few seconds, it will turn stable in red, last you're able to share content by press the big button, stop sharing by press the button again.
- When multiple sources are connected, people can get full screen view of their content by long press the big button
- Press the left small button, you can freeze the image on the screen, press again to release the image freezing.
- The function of right small button can be defined from the web

