

Flow 4K Wireless HDMI

With this product you can connect a source device (i.e., notebook, PlayStation, BluRay player, Receiver, HDMI Switch) to a display device (i.e., TV or projector) without any cables. The Flow 4K device does not compress the video/audio signal so there is no image quality loss. The maximum distance between the Receiver and Transmitter is 30m.

The Flow 4K is fully capable of sending an uncompressed Full HD signal at the highest quality (4:4:4, 60Hz, 12bits) as well as a Full HD 3D signal. It is therefore perfect for use with a Full HD Home-Cinema projector or display. It also supports a 4K signal up to 30Hz (but no HDR), which means we do not recommend using this product for Home-Cinema 4K projectors/displays. However, it's perfect for use in education or presentations on 4K projectors/displays since a high frame rate or HDR is not necessary in these settings.

Installing this product

- Install the transmitter & receiver with the included power adapter / USB power cable.
- Connect a source device (i.e., notebook, BluRay player) with a HDMI cable to the Transmitter HDMI input.
- Connect a display device (i.e., TV or projector) with a HDMI cable to the Receiver HDMI output.

Notes

- 4K x 2K is supported only at 24/30Hz (4:2:2). A 4K BluRay @ 60Hz and/or 4:4:4 will NOT work.
- The stability of this product is not guaranteed in case it is used in rooms larger than +/- 50m2 and/or with more than one glas wall and a higher ceiling than 3 meters. Industrial ceilings with pipes and ducts exposed can disrupt the signal.
- The signal of this product is a bouncing signal and is not capable of going through walls. Make sure the transmitter and the receiver are not concealed and have a clear line of sight. The direct line of sight should be no more than 20 meters.
- HDR is NOT supported.

Specifications

Max Resolution	Full-HD@60Hz / 4K@30Hz	HDMI input	1x HDMI (Female)
Frequency	60Ghz (RF)	HDMI output	1x HDMI (Female)
Latency	<1ms	HDCP support	Version 2.2
HDR Supported	No	Operating temperature	0°C - 40°C (max 90% RH)
Power supply	5VDC / 1A	Power consumption	3g (Transmitter) / 3g (Receiver)
Weight	154g (Transmitter) / 155g (Receiver)	Dimensions (both)	90mm x 56mm x 17mm
Max # transmitters	10 (in the same room)	Max # of receivers	16 (in the same room)
Max supported HD video:	Up to 1920x1080/1080i/1080p (YCbCr /RGB 4:4:4, 12 bits) @ 60Hz		
Max supported 4K video:	4Kx2K (4096 x 2160, YCbCr 4:2:2, 8 bits) @ 30Hz (no HDR support)		
Max supported 3D video:	Frame-Packing 1080p @ 24Hz (BluRay Full HD 3D format) / Top-bottom 1080p @ 24Hz / Side-by-Side 1080i @ 60Hz		
Max supported audio:	DTS-HD Master Audi 5.1 192Khz / DTS-HD Master Audi 7.1 96Khz / Dolby TrueHD 7.1 96Khz / Dolby Digital (Plus) 7.1 48Khz / LPCM 2CH 192Khz / LPCM 8CH 96Khz		

Flow 4K Wireless HDMI Transmitter & Receiver



Included

- 1x Flow 4K Wireless HDMI Transmitter
- 1x Flow 4K Wireless HDMI Receiver
- 2x 5V/1A USB power adapter (EU)
- 2x USB to Micro-USB Cable
- 1x User Manual

PRODUCT CODE
IV-HDMI_FLOW4K

EAN
8719244432882

LED's

The "Power" LED illuminates when power is supplied to the device.

The "Connection" LED indicates the connection status:

- LED off: the device is powered off or in sleep mode.
- LED blinking slowly (Transmitter): the device is in scan mode, searching for a matching receiver.
- LED blinking slowly (Receiver): the device is in scan mode, searching for a matching transmitter.
- LED blinking fast: the transmitter & receiver have found each other and are establishing a connection.
- LED on: the transmitter & receiver are connected and an audio/video connection is made. The user should now see the video and/or audio on the display device.

Transmitter/Receiver buttons and connections

- HDMI IN (Transmitter): connect the HDMI source to this input.
- HDMI OUT (Receiver): connect the HDMI projector/display to this output.
- POWER: plug the 5V DC power supply into the unit or connect to the source USB port via USB to Micro-USB cable (included).
- Button: this button has a variety functions:
 1. WakeUp Function: if the device is in Sleep Mode (Link LED is OFF and power supply is connected) pressing this button will wake up the adapter and resume normal operation.
 2. Reset to Factory Default: long press (ten seconds) on the button will reset the adapter to factory default settings.

Troubleshooting

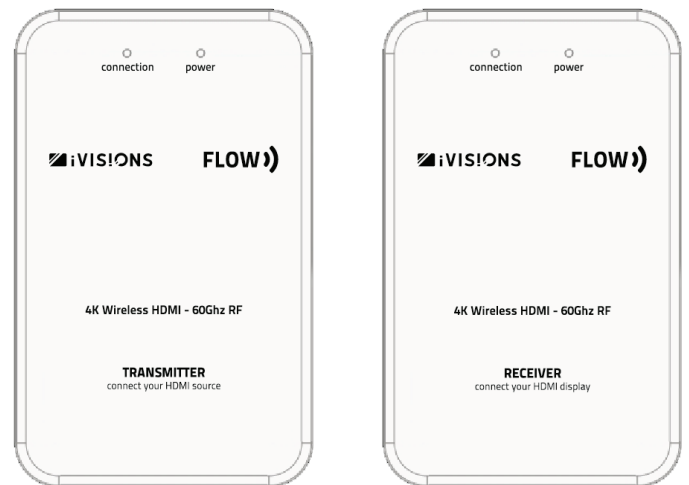
If you can't get a transmission, please check the following:

- Make sure the Receiver and Transmitter have an illuminated "Power" light.
- Make sure your Source device is connected to HDMI INPUT (Transmitter).
- Make sure your Display device is connected to HDMI OUTPUT (Receiver).
- If you are not using the included 5V/1A USB-power adapters, make sure that your USB output is at least 1.0A.
- Try the following steps:
 1. Power off both devices (Transmitter/Receiver) by unplugging the USB power cables.
 2. Unplug the Transmitter HDMI cable (HDMI input).
 3. Power on the Receiver (plug in the USB power cable).
 4. Power on the Transmitter (plug in the USB power cable).
 5. Insert the HDMI cable on the Transmitter (HDMI input).
- Re-calibrate the devices (see below).

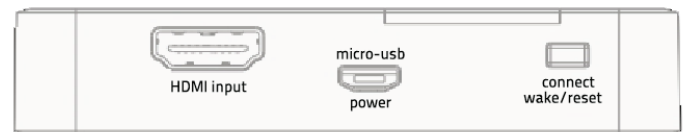
Re-calibration of the Flow 4K Wireless HDMI

The transmitter and receiver have been coupled at production. However it is possible that the devices have been de-calibrated by using the "button" on one of the devices. To re-calibrate, follow these steps:

1. Make sure your Source HDMI device and Display HDMI device are both connected with HDMI cables and are both powered on (not in stand-by).
2. Hold the "Wake/Reset" button on the Receiver for 5 seconds. The Connection LED will now blink rapidly.
3. Hold the "Wake/Reset" button on the Transmitter for 5 seconds. The Connection LED will now blink rapidly.
4. It will take approximately 60 seconds for the devices to fully reset, you should then see video again.



transmitter side view



receiver side view

