

HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE

2.0

OVERVIEW

higher bandwidth
drives next generation video and audio features

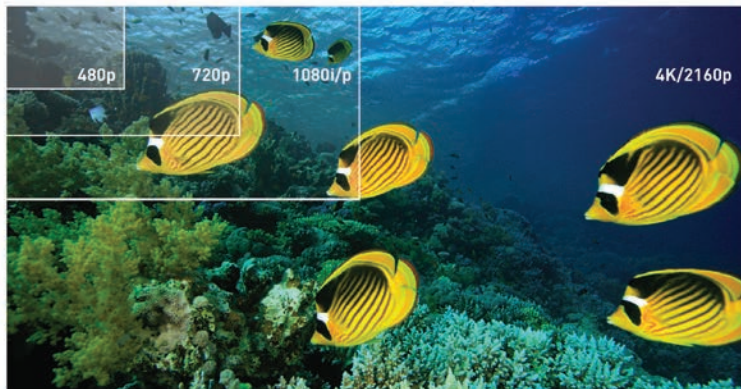
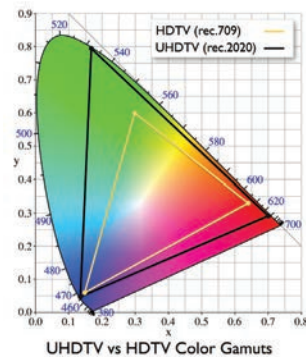


2.0

HDMI 2.0, which is backwards compatible with earlier versions of the HDMI specifications, significantly increases bandwidth up to 18Gbps and adds key enhancements to support continuing market requirements for enhancing the consumer video and audio experience.

New functionality includes:

- **Support for the much wider color space** with BT.2020
- **Support for 4k@50/60,** (2160p: 4 times the clarity of 1080p/60 video resolution)



- **Dual viewing** allows for simultaneous delivery of dual video streams to multiple users on the same screen



- **Up to 1536kHz audio sample frequency** for the highest audio fidelity
- **Up to 32 audio channels** for a multi-dimensional immersive audio experience



- **Simultaneous delivery of multi-stream audio** to multiple users (up to 4 simultaneous audio streams)
- **Support for the wide angle theatrical 21:9** video aspect ratio
- **Dynamic synchronization** of video and audio streams

- **CEC extensions** provides expanded command and control of consumer electronics devices through a single control point



Existing High Speed cables support all HDMI 2.0 features

HDMI 2.0 does not define new cables or new connectors. Current High Speed cables (Category 2 cables) are capable of carrying the increased bandwidth. This is possible because the HDMI 2.0 Specification defines new, more efficient signaling methods for speeds above the old 10.2 Gbps limits of HDMI 1.4b.



Want to contribute?

The HDMI Forum is looking for those companies who want to contribute to the next version of the HDMI specification.

“With the publication of the HDMI 2.0 specification, we are now soliciting input and proposals from member companies for the next HDMI Forum specification. We also encourage new members to join and participate in the development of the next HDMI specification.”

-**Arnold Brown**, Chairman of Board of Directors, HDMI Forum, Inc.

Membership information can be found on the HDMI Forum website, www.hdmiforum.org

About the HDMI Forum

The HDMI Forum, Inc. is comprised of the world's leading manufacturers of consumer electronics, personal computers, mobile devices, cables and components. An open trade association, The HDMI Forum's mission is to foster broader industry participation in the development of future versions of the HDMI specification and to further expand the ecosystem of interoperable, HDMI-enabled products. The HDMI Forum currently has a membership of over 80 companies.

HDMI 2.0 was developed by the HDMI Forum's Technical Working Group.

For more information, please visit www.hdmiforum.org