

## Become an MHL Adopter

All MHL specifications are available for download for all MHL Adopters. Don't miss this exciting opportunity to join hundreds of other leading consumer electronics and mobile manufacturers to start creating tomorrow's innovations today.

### Adopter Benefits:

- Access to the full suite of MHL specifications
- Interoperability and compliance testing
- Certification, trademark, copyright, and logo usage
- Trademark, copyright, and IP protection
- Participation in marketing and promotional campaigns

### Who Should Become an Adopter?

Companies that plan to sell MHL branded products need to become an Adopter. This includes companies that:

- Sell a branded product
- Require certification
- Require access to the full suite of MHL specifications, compliance test specifications, and logos

To become an Adopter, visit [www.mhltech.org](http://www.mhltech.org).

## Do I Have MHL?

Chances are that you have MHL and might not even know it!

MHL technology is in hundreds of million of devices, including many of the leading Android smartphones and tablets.

MHL accessories can be found online or at any major retailer near you. One connection, infinite possibilities!

Scan the QR code below or visit [www.mhltech.org/devices.aspx](http://www.mhltech.org/devices.aspx) to see a full list of MHL-enabled devices.



©2016 MHL, MHL logo, superMHL and the superMHL logo are trademarks or registered trademarks of MHL, LLC in the United States and/or other countries. All other trademarks and registered trademarks are the property of their respective owners in the United States and/or other countries.



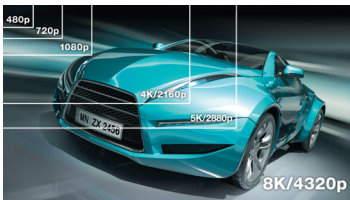
# CREATE A CONNECTION

MHL lets you create and connect by sharing your digital life to the big screen. Transform your smartphone into a home theater system, game console or PC.

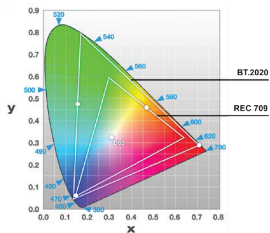
superMHL is our latest technology specification to connect mobile devices, set-top boxes (STBs), Blu-ray Disc players, AVRs, streaming media sticks and other source devices to TVs and monitors for a more immersive entertainment experience. superMHL can supercharge your home theater!

### Enjoy Fully Immersive Content With superMHL

- **True to life video** ideal for 8K, 5K and 4K



- **Wider color gamut** to view content the way filmmakers intended via BT.2020



- **High-Dynamic Range (HDR)** support to strike the perfect balance of bright spectral highlights along with shadow details
- **Faster frame rates** up to 120fps for reduced motion blur
- **Deep Color** support up to 48-bit color depths

- **Enhanced audio** for immersive surround sound including Dolby Atmos®, DTS:X, 3D audio, high-resolution audio, and an audio-only mode



- **MHL Control** so a single remote can control multiple MHL devices (TV, AVR, Blu-ray player, STB)
- **Up to 40W** of power charging



- **Backward compatible** with MHL 1, 2 and 3 specifications
- **MHL Alt Mode for the USB Type-C** specification support

### Simple and Secure Connectivity

MHL is completely plug-and-play so users don't have to focus on how to connect and more on why they're connecting – to enjoy videos, photos and other immersive content on bigger screens. And because it's a wired solution, your content is always protected. So sit back, relax, and let MHL do the rest.



### MHL Specification Comparison Chart

Features	superMHL	MHL 3	MHL 2	MHL 1
<b>Maximum Resolution</b>	8K120	4K30	1080p60	1080p60
<b>High Dynamic Range/ BT.2020/ Deep Color (10, 12 16-bit)</b>	✓			
<b>Up to 8 Channel Audio</b>	✓	✓	✓	✓
<b>Blu-ray Audio (Dolby TrueHD, DTS HD)</b>	✓	✓		
<b>Dolby Atmos, DTS:X, 3D Audio, Audio Only Mode</b>	✓			
<b>MHL Control (RCP) – Single Remote</b>	(Including mobile, TV, AVR, STB, BDP)	✓	✓	✓
<b>Power Charging</b>	40W	10W	7.5W	2.5W
<b>Content Protection</b>	HDCP 2.2	HDCP 2.2	HDCP 1.4	HDCP 1.4
<b>Multi-Display Support</b>	Up to 32 displays	Up to 4 displays		
<b>Connectors</b>	superMHL USB Type-C Micro-USB HDMI Type A Proprietary	Connector Agnostic	Connector Agnostic	Connector Agnostic

To learn more about MHL and superMHL, visit [www.mhltech.org](http://www.mhltech.org).