

# HDMI Evolution

3D	-	-	-	-	Stereoscopic 3D Field Alternative <b>Frame Packing</b> Line Alternative Full Side-by-Side Full
HEC	-	-	-	-	100 Mbp/s Ethernet Channel
ARC	-	-	-	-	Stereo Audio Return Channel
ALS	-	-	-	Auto Lip-Sync	Auto Lip-Sync
CEC	-	-	-	Consumer Electronics Control	Consumer Electronics Control
Audio Formats	8ch-LPCM/192KHz/24bit	DVD-A 8ch-LPCM/192KHz/24bit	SACD (DSD) DVD-A 8ch-LPCM/192KHz/24bit	DTS-HD Dolby TrueHD SACD (DSD) DVD-A 8ch-LPCM/192KHz/24bit	DTS-HD Dolby TrueHD SACD (DSD) DVD-A 8ch-LPCM/192KHz/24bit
Audio Throughput	36.86 Mbit/s	36.86 Mbit/s	36.86 Mbit/s	36.86 Mbit/s	36.86 Mbit/s
Colour Spaces	sRGB YCbCr	sRGB YCbCr	sRGB YCbCr	xvYCC sRGB YCbCr	Adobe RGB & YCC601 sYCC601 xvYCC sRGB YCbCr
Max Colour Depth	24bit	24bit	24bit	48bit	48bit
Max Video Bandwidth	165 MHz 4.95 Gbit/s	165 MHz 4.95 Gbit/s	165 MHz 4.95 Gbit/s	340 MHz 10.2 Gbit/s	340 MHz 10.2 Gbit/s
Max Resolution	1920x1200p/60Hz/24bit	1920x1200p/60Hz/24bit	1920x1200p/60Hz/24bit	2560x1600p/75Hz/24bit 2560x1600p/60Hz/30bit 1920x1200p/75Hz/36bit 1920x1200p/60Hz/48bit	4096x2160p/24Hz/24bit 4096x2160p/24Hz/30bit 4096x2160p/24Hz/36bit 1920x1200p/60Hz/48bit
Connector	Type A	Type A	Type A	Type A Type C	Type A Type D Type E
HDMI	<b>1.0</b>	<b>1.1</b>	<b>1.2</b>	<b>1.3</b>	<b>1.4</b>
Year	<b>2002</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2009</b>

Note 1: Only widely accepted 3D standards are referenced

Note 2: HDMI 1.4a adds 3D support for Frame Packing 1080p60 (HDMI 1.4 is limited to 1080p24)