

HDMI Specification 1.3c (1.4b)

HDMI Compliance Source Tests Cases by categories

Source – EDID/E-DDC/HPD	Source – Electrical	Source – Protocol	HDCP
EDID Test	Electrical Test	Source – Protocol (P/A/V Test)	
List of Test Equipments			
EDID Test Equipment	Electrical Test Equipment	Protocol, Audio, Video (PAV) Test Equipment	HDCP Test Equipment
7-1 - EDID	7-2 - TMDS – V _L 7-3 - TMDS – I _{OFF} 7-4 - TMDS – T _{RISE} , T _{FALL} 7-5 - NA-Remove 7-6 - TMDS – Inter-Pair Skew 7-7 - TMDS – Intra-Pair Skew 7-8 - TMDS – Clock Duty Cycle 7-9 - TMDS – Clock Jitter 7-10 - TMDS – Data Eye Diagram 7-11 - +5V Supply Power 7-12 - Hot Plug Detect 7-13 - DDC/CEC Capacitance, Voltage 7-14 - CEC Line Connectivity 7-15 - CEC Line Degradation	7-16 - Legal Codes 7-17 - Basic Protocol 7-18 - Extended Control Period 7-19 - Packet Types <div style="background-color: #d9ead3; text-align: center; padding: 2px;">Source – Video</div> 7-20 - Removed 7-21 - Minimum Format Support 7-22 - Additional Format Support 7-23 - Pixel Encoding – RGB to RGB (Sink) 7-24 - Pixel Encoding – YCBCR to YCBCR (Sink) 7-25 - Video Format Timing 7-26 - Pixel Repetition 7-27 - AVI InfoFrame <div style="background-color: #d9ead3; text-align: center; padding: 2px;">Source – Audio</div> 7-28 - IEC 60958 / IEC 61937 7-29 - ACR 7-30 - Audio Sample Packet Jitter 7-31 - Audio InfoFrame 7-32 - Audio Sample Packet Layout <div style="background-color: #d9ead3; text-align: center; padding: 2px;">Source – Interoperability With DVI</div> 7-33 - Interoperability With DVI <div style="background-color: #d9ead3; text-align: center; padding: 2px;">Source – Advanced Features</div> 7-34 - Deep Color 7-35 - Gamut Metadata Transmission 7-36 - High Bitrate Audio 7-37 - One Bit Audio 7-38 - 3D Video Format timing (1.4b only) 7-39 - 4Kx2K Video Format timing (1.4b only)	9.2 - HDCP Implementations shall meet HDCP specification Revision 1.2 10.2 - HDCP Compliance Test Method must meet HDCP Compliance Test Specification, Rev. 1.1 <div style="background-color: #d9ead3; text-align: center; padding: 2px;">HDCP Compliance Test Rev 1.1 -</div> 1A-01 - With HDMI capable Receiver 1A-02 - HPD after writing A _{ksv} 1A-03 - HDP after starting 3rd part of authentication 1A-04 - HDCP port access 1A-05 - Verify B _{ksv} 1A-06 - Verify R ₀ 1A-07 - Verify R _i 1A-08 - SRM 1A-09 - With DVI Receiver 1B-01 - With Repeater 1B-02 - HPD after reading R ₀ 1B-03 - Timeout of KSV list Ready 1B-04 - Verify V 1B-05 - Max-Devs-Exceeded 1B-06 - Max-Cascade-Exceeded 1A-09 - With DVI Receiver