

New!

HDMI 2.0 6G supported Protocol Analyzer VA-1842

Preliminary Version



< Main Features >

- Suitable for testing HDMI 2.0 6G supported Source devices (Pixel Clock: Max.600MHz, 4K/60p RGB 4:4:4 and 4:2:0).
- Support HDMI CTS MOI test items (Will be updated with result of HDMI Forum test event)
- VA-1842 analyzes Video Timing, Audio Timing, Infoframe/Packet, HDCP Status, DDC Line Monitor, CEC Line Monitor and Video Data(Max.12-bit) measurement
- Similar functions as previous generation HDMI analyzer *VA-1831/VA-1838.
*ARC and Lipsync measurement are not supported on VA-1842.
- SCDC(Status and Control Data Channel) register display and line monitoring function
- CEA-861-F(*) and a part of DMT r1 v12 timing input
*Except VIC91, 92(2560 x 1080). Fixed timings input(timing table available).
- E-EDID1.4 and CEA-861-F of HDMI 2.0 pre-installed.
- “*Through Mode” supported with optional adaptor
*By placing VA-1842 between Source and Sink device, it can monitor communication of DDC/CEC lines and save log data.
- Portable size

< Front / Side Image >



Specifications >

Item		
HDMI Input	Pixel Clock	25 to 600MHz (Data Rate : max.6Gbps)
	Color Space	RGB/YCbCr 4:4:4, YC 4:2:2, YC 4:2:0
	Bit Width	Max.16-bit
	HDCP	Ver. 1.4 and 2.2
	Repeater Mode	Will be supported in future update
	Generate Mode	Supported
	Through Mode	Supported with Optional Adaptor Notice :No guarantee on its signal quality if over 3G(300MHz)
Audio Input	Sampling Frequency	Maximum 192KHz 8 channel
EIA	*EIA-861-F (max.4K/30 or 60p) fixed timing input *Note : Except VIC91, 92(2560 x 1080). Detailed Timing Table available by request.	
E-EDID	Ver.1.4 and CEA-861-F of HDMI 2.0	
MOI	HDMI2.0 MOI, HF3-3 Repeater Repeated Input Port – 6G – 2160p	
LCD Display	12.1 inch, *XGA(1024 x 768) with 16 million color *Note : 4Kx2K Dot-by-Dot display by scaling also supported)	
Data Storage		
Storage Media	Included : USB 16GB(Transcend), for saving LOG file and FW upgrade	
External Control		
Interface	LAN(10/100BASE-T), USB Host x 2 (Mouse control and USB Memory) USB Device x 1 (PC control by Utility Software)	
General		
Power Supply	AC 100 to 120V, 200 to 240V (AC 50/60Hz)	
Power Consumption	TBD	
Condition	Operation Temperature : + 5 to 40 degrees, Humidity : 30 to 80% RH(non condensation)	
Size and Weight	TBD	

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