

# MURIDEO®

## THE SIX-A ANALYZER

A 4K UHD & HDR Analyzer by Murideo

This 18Gbps 4K Analyzer can read HDR data at the same time as giving you a live video preview. This is the new standard in analyzers, and when paired with the SIX-G Generator, it becomes a full calibration and testing system. Use the SIX-A for testing basic and complex switching solutions for maximum capability and performance.

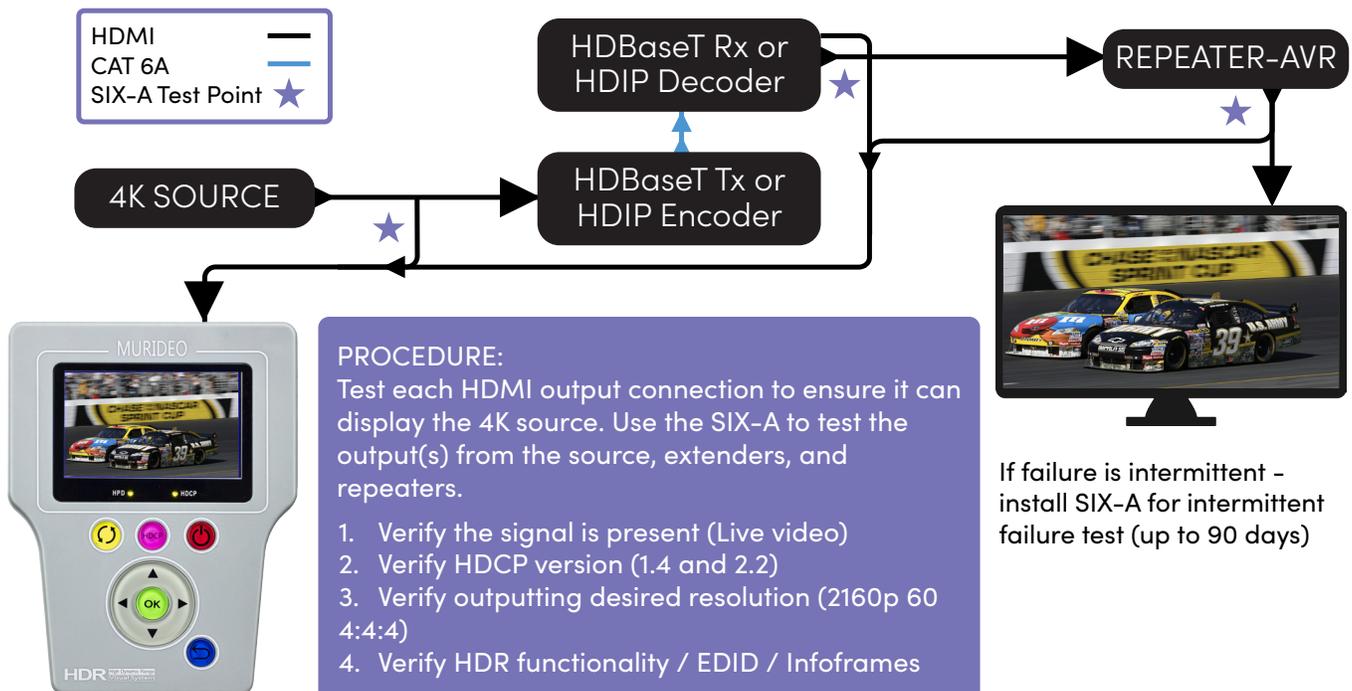
In today's world of mixed systems and multiple flavors of SD, HD and UHD, the SIX-A Analyzer solves problems. Use the SIX-A for testing basic and complex switching solutions for maximum capability and performance (including complete high bandwidth HDMI cable testing, HDBaseT and HDIP link testing up to 18 Gbps (that includes 8K SUHD, all HDR flavors, plus legacy sources like 480i/p). With the ability to monitor a pesky system with intermittent issues the SIX-A will capture the data required to fix the system. Consultants will love the SIX-A as a tool for system commissioning and validation and, when paired the SIX-G, the SIX-A Analyzer becomes the most powerful (and affordable) HDMI system troubleshooting system on the planet!

### FEATURES:

- Analyze any HDMI/DVI signals up to 18Gbps (4096x2160P60 4:4:4)
- Test HDMI/DVI Cables up to 18Gbps, full TMDS testing
- View up to 18Gbps Video Content and Format Info
- Analyze & Report HDMI Distribution System over Time down to the Pixel
- Audio Confidence Tests (2-Channel & Multichannel)
- Advanced EDID Analysis & Tools
- Read, Write EDID
- Analyze HDR Signals & Metadata
- Report & Analyze InfoFrames
- HDCP Tester - 2.2, 1.4, None



## SIX-A CONNECTION DIAGRAM TESTING OUTPUTS



If failure is intermittent - install SIX-A for intermittent failure test (up to 90 days)

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## THE SIX-A ANALYZER

18Gbps 4K60 (4:4:4) SUPPORT  
 FULL HDR, DOLBY VISION, HDR10+ AND  
 HLG SUPPORT  
 18Gbps CABLE TESTING  
 HDCP 2.2 ANALYSIS  
 ADVANCED EDID TESTING  
 BIT ERROR TESTING

### PRODUCT SPECIFICATIONS:

VIDEO:	
HDMI VERSION	HDMI 2.0
HDCP VERSION	HDCP 2.2 AND 1.4
HDCP ON/OFF	YES
MAXIMUM CLOCK RATE	600 Mcsc (594 MHz)
MAXIMUM THROUGHPUT PER CHANNEL	6.0 GBITS/SEC (18 GBP/SEC TOTAL)
RESOLUTION TIMINGS	ALL VESA; VIDEO STANDARD WITH 60, 59.94, 30, 29.97, 24, 23.98, FPS; VIDEO STANDARD WITH 50, 25 FPS; SMPTE 4K TIMINGS (4096x2160); UHD 4K TIMINGS (3840x2160)
VIDEO ENCODING	RGB, YCbCr
VIDEO SAMPLING MODELS	RGB 4:4:4, YUV 4:4:4, YUV 4:2:2, YUV 4:2:0 HDMI 2.0
COLOR BIT DEPTH	8, 10, 12, 16, AND AUTO EDID READ
AUDIO:	
AUDIO TYPE	LPCM
AUDIO SAMPLING RATE	32k, 44.1k, 48k, 88k, 96k, 176k
AUDIO SAMPLING BIT SIZE	16, 20, 24, AUTO
AUDIO CHANNELS	2
AUDIO VOLUME	YES
PORTS:	
HDMI	TYPE A
AUDIO (L/R INPUT)	3.5MM STEREO (3-CONDUCTOR)
RS232	3.5MM STEREO (3-CONDUCTOR)
FIRMWARE/CONTROL/	MICRO USB
ENVIRONMENTAL:	
OPERATING TEMPRATURE	23 TO 125°F (-5 TO 51°C)
STORAGE TEMPERATURE	-4 TO 140°F (-20 TO 60°C)
HUMIDITY RANGE	5-90% RH (NO CONDENSATION)
POWER:	
POWER	7.4V 2600MAH INTERNAL BATTERY OR WALL ADAPTER
POWER CONSUMPTION (TOTAL)	12 WATTS MAX
POWER SUPPLY	INPUT: AC 100-240V ~ 50/60HZ OUTPUT: DC 12V 2A
DIMENSIONS:	
DIMENSIONS (UNIT ONLY DEPTH/WIDTH/HEIGHT)	MM: 28.8 x 108.44 x 139 INCH: 1.13 x 4.27 x 5.47
WEIGHT (UNIT)	0.8 LBS/0.36 KG

\*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE

