

MURIDEO®

THE SIX-G GENERATOR

Beyond a test pattern generator, the SIX-G is the essential tool for anyone working with HDMI, able to product video signals up to 18Gbps and confirm HDCP 2.2. as well as the ideal display calibration assistant

The Murideo SIX-G is an HDMI pattern generator intended for the AV integration market to confirm HDMI 2.0(b) and HDCP 2.2 operation at the 18 Gbps level. Additionally, the SIX-G is an excellent field troubleshooting tool for distributed high bandwidth HDMI systems and a reference source for video calibration.

The handheld device is portable thanks to a built-in battery and can generate over 100 different test patterns for setup, calibration and troubleshooting. There's a three-inch color display with simplified menus as well as free PC control software. The SIX-G also features Hot Plug Detect, EDID read/write functionality and the ability to create custom resolutions.

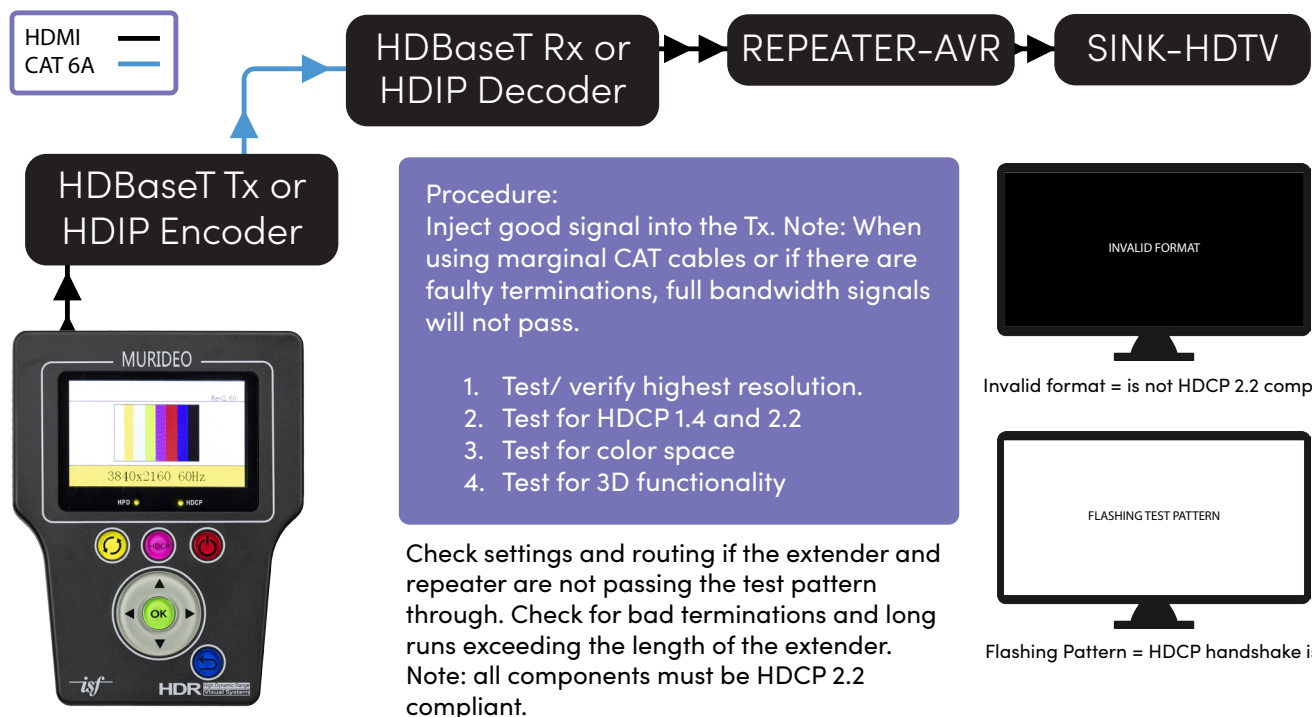
There's the option for either RS232 or USB control and support for CalMAN and Light Illusion calibration software. The SIX-G is the only unit to carry the complete suite of ISF test patterns, select-able color output level, RGB Triplets and Constant APL (Average Picture Level) all in one place, making it a calibrators dream. The SIX-G is ISF Labs and DPL Labs certified, the firmware is field upgradable, and it even includes audio confidence tests.

FEATURES:

- HDMI 2.0(a) – 600MCSC, 2160P60 4:4:4 Maximum Resolution
- Full HDR, Dolby Vision, HDR10+ and HLG Support
- EDID Read Functionality
- Imaging Science Foundation Certified
- Ideal for Video Calibration
- BT. 2020 Wide Color Gamut Support
- Full 10-Bit RGB Triplet Generator HDCP Selectable – Off, HDCP 2.2 or HDCP 1.X
- Hot Plug Detect Indicator
- DPL Labs Certified
- EDID Read and Save Functionality
- USB Control and free PC software
- Portable – Battery Operated
- Pattern Uploader



SIX-G CONNECTION DIAGRAM DISTRIBUTED SYSTEM



MURIDEO®

SIX-G GENERATOR

Beyond a test pattern generator, the SIX-G is the essential tool for anyone working with HDMI, able to product video signals up to 18Gbps and confirm HDCP 2.2. as well as the ideal display calibration assistant

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	VESA; VIDEO STANDARD WITH 60, 59.94, 30, 29.97, 24, 23.98, FPS; VIDEO STANDARD WITH 50, 25 FPS; AUTO AND 10 USER DEFINED
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
PATTERNS	OVER 80 BUILT IN INCLUDING ISF GEOMETRY, ISF RESOLUTION, ISF PLUGE, COLORS, FOCUS, RESOLUTION, BARS, RAMPS, MULTIBURST, BLACK/WHITE AND MOVING BARS.
AUDIO:	
AUDIO CHANNELS	UP TO 8 (7.1)
AUDIO OUTPUT	2 CH LPCM
VU METER CHANNELS	UP TO 8 (7.1)
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	

