

# HDMI 2.1 Signal Generator



## VG-887



### HDMI 2.1 8K Portable Signal Generator

VG-887 is a portable and easy to operate solution to HDMI 2.1 signal generation. It features the key function of HDMI 2.1 compatibility and is a more cost-effective solution compared to the top-end model VG-879.

#### Features

- Signal generation by FRL (Max. 12Gbps/4-lane) and TMDS modes. DSC 1.2 is supported
- Uncompressed 8K/60p YCbCr 4:2:0 (12-bit), 4K/120p YCbCr 4:4:4 (12-bit) transmission
- FRL Link Training, SCDC and EDID status check
- HDCP 2.3 and 1.4 test
- Pre-installed test patterns and user's own image data can be output
- PC control by LAN or RS-232C

#### Comparison of VG-887 and VG-879

	8K Dot-by-Dot display and scroll	FRL&TMDS	DSC 1.2	InfoFrame edit	HDMI CTS	VT-7012 (Dolby Vision) VT-7013 (HDR10+)	Pattern edit
VG-887	✓	✓	✓	✓			
VG-879 (VM-1876-MD)		✓	✓	✓	✓ (Option)	✓ (Option)	✓

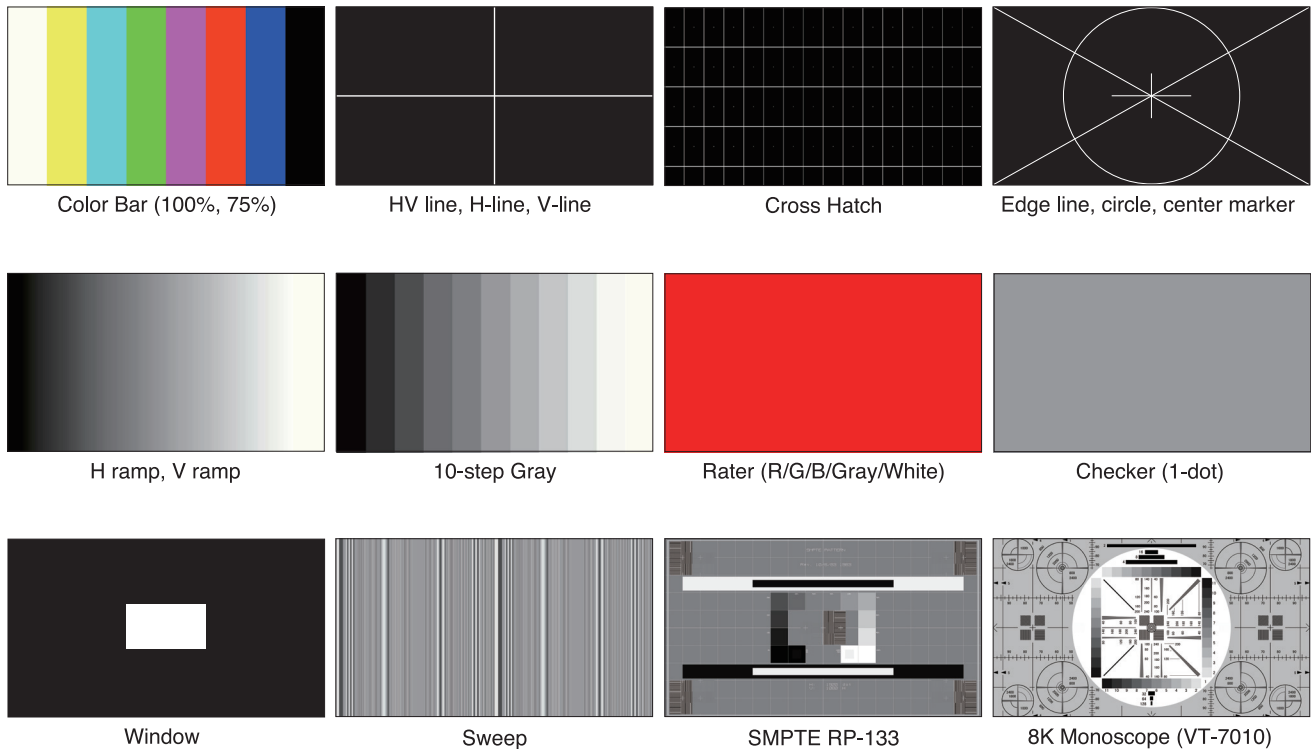
#### Front View



#### Rear View



## Test Patterns (example)



- User's own image can be output from USB flash or saved in the internal memory.
- Video level change, Window size change and scroll functions are supported.
- Optional HDR Image Libraries VT-7009 and VT-7010 are available. (VT-7010 contains 8K Monoscope patterns.)

## HDMI Specifications

Items	Description	
Interface	HDMI × 1ch	
Video	Dot Clock	Max. 1360MHz
	Data Rate	Max. 48Gbps (FRL), 18Gbps (TMDS)
	Video Timing	CTA-861-G
	Video Format	RGB, YCbCr 4:4:4, 4:2:2, 4:2:0
	Color Depth	8, 10, 12-bit
	HDCP	Ver. 2.3 (FRL timing supports Ver. 2.3 only), Ver. 1.4
Audio	L-PCM 8ch	

## General Specifications

Items	Description
Power Requirements	AC100-240V
Power Consumption	60W MAX
Operating Temperature Range	0 to 40°C
Operating Humidity Range	20 to 80% RH (No Condensation)
Dimensions	210 (W) × 44(H) × 300 (D) mm (Excluding Protrusions)
Weight	Approx. 2kg