

# LOW COST HDMI VIDEO TEST PATTERN GENERATOR

Generates video patterns for testing HDMI or DVI displays



**MONTEST-HDMI-LC**

## Features & Applications

The HDMI DVI Video Pattern Generator is a portable, compact unit that generates video test patterns for evaluating HDMI or DVI displays.

Featuring 34 static and dynamic video test patterns and 48 timings up to HDTV's 1080p, the unit will quickly determine color performance, linearity, and HDCP. Easy to use five button control of on-screen menu thru 16x2 LCD screen. Includes a built-in rechargeable battery, power adapter, and one HDMI 1.2m cable.

- Front panel control buttons through 16x2 LCD.
- Portable, with re-chargeable battery
- Auto power-off on battery mode.
- Provide total 34 video test patterns and 48 timings, which include color bar, gray, grid, block.
- Supports audio testing – 48KHz sample rate, 1KHz tone.
- Displays HDCP status
- RX attached, Read EDID, Transmit DVI/HDMI, Validate BKSv, Exchange KSCs, Encryption & Ri
- Supports maximum 148.5MHz pixel frequency
- Supports RGB, YCbCr4:4:4, YCbCr4:2:2

## Specifications

### Compatibility

- Compatible with any HDMI or DVI interface.
- One HDMI Type A connector for output.

### Specifications

- HDMI 1.3, HDCP 1.2 and DVI 1.0 compliant
- Resolution up to UXGA/1080p

### Dimensions:

- WxDxH (in): 3.7x7.1x1.4
- Weight .88lbs

### Certification

- Generator: CE, FCC
- Power Supply: CE, UL

### Package Contents

- 1 HDMI pattern generator PG-H1
- 1 power adapter DC 12V 1.25A
- 1 user manual
- 1 HDMI 1.2m cable

## Pattern Chart

1. FLAT 	2. Blinking 	3. BW_GRADUALLY 	4. GRID_4x3 
5. GRID_16x12 	6. COLOR_GRID 	7. COLORBAR_1 	8. COLORBAR_2 
9. COLORBAR_3 	10. COLORBAR_4 	11. GRAY_8 	12. GRAY_16 
13. GRAY_32 	14. GRAY_64 	15. DYNAGRAY 	16. GRAY_1 
17. COLORGRAY64 	18. BWSWING 	19. BW2SWING 	20. WINDOW_1 
21. WINDOW_2 	22. WINDOW_3 	23. WINDOW_4 	24. VLINE_1 
25. VLINE_2 	26. VLINE_3 	27. H Pattern_1 	28. H Pattern_2 
29. BLOCK_1 	30. BLOCK_4x3 	31. BLOCK_16x12 	32. HLINE_1 
33. HLINE_2 	34. HLINE_3 		