1T-TG-PCHD and 1T-TG-DVI are ultra compact DVI and Analog RGB Test Pattern Generators designed for portable applications. The output resolution and refresh rate can be selected from a wide variety of presets. Model 1T-TG-PCHD provides an Analog output via an HD-15 Connector. Model 1T-TG-DVI provides a DVI-D output via a DVI-I Connector. The 25 test patterns provided were selected as the most useful for video reference and troubleshooting applications.

Both models are 5VDC powered and the Power Adapters are included. Locking DC Connectors are provided for security.

Specifications

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<tr>
<th>Output Resolutions (Note 1)</th>
<th>Mechanical – 1T-TG-PCHD</th>
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<tbody>
<tr>
<td>VESA</td>
<td>Resolution</td>
</tr>
<tr>
<td>Ngb</td>
<td>640x480</td>
</tr>
<tr>
<td>SVGA</td>
<td>800x600</td>
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<tr>
<td>WXGA</td>
<td>1280x768</td>
</tr>
<tr>
<td>SXGA</td>
<td>1280x1024</td>
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<tr>
<td>480p</td>
<td>852x480</td>
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<td>576p</td>
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<td>720p</td>
<td>1280x720</td>
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<tr>
<td>1080i</td>
<td>1920x1080</td>
</tr>
</tbody>
</table>

Output Format

- 1T-TG-PCHD: Analog: RGBHV, YPbPr via HD15
- 1T-TG-DVI: DVI-D: RGBHV via DVI-I Connect

Test Patterns

- Color Bars
- Color Bars/Multi-Burst (2 types)
- Grayscale-Light>Dark
- Multi-Burst (Note 3)
- Grayscale-Dark>Light
- Checkerboard
- Fade - Black to White
- White, Yellow or Cyan Field
- Cross Hatch - Standard
- Green, Magenta or Red Field
- Cross Hatch - Small
- Blue or Black Field
- Alt. 1 Pixel B/W Lines
- H or E Pattern
- Alt. 2 Pixel B/W Lines
- Large Circle
- Alt. 3 Pixel B/W Lines
- Circles - Repeating
- Alt. 4 Pixel B/W Lines
- Chinese Characters (3x)

Notes

1. 1T-TG-PCHD also has YPbPr out for HDTV Resolutions.
2. The 1080i is actually a doubled 540p signal, which is recognized as a 1080i by most HDTV Displays.