The PL-DPHS13 1x3 DisplayPort 1.2 to HDMI MST Hub/Splitter with Pigtail Cable provides the most cost effective and advanced DisplayPort to HDMI splitter solution on the market, by which the high definition video and high quality audio can be transmitted to 3 different locations without losing quality. PL-DPHS13 1x3 DisplayPort can extend the laptop or desktop to additional displays and stream independent content to each individual display to make multitasking easier and increase your productivity. Besides, PL-DPHS13 can mirror the same image or split an image to multiple displays for digital signage applications.

**Key Features**

- DisplayPort 1.2 compliant
- Supports up to 4K2K@30
- HDCP 1.3 compliant
- Video bandwidth: 21.6Gbps
- Supports SST or MST (Multi-Stream Transport)
- Supports xvYCC, x.v.Color & Deep Color
- Easy installation
## Technical Specifications

**ROLE OF USAGE**
1x3 MST Hub/Distribution Amplifier (Splitter)

**DP COMPLIANCE**
DisplayPort 1.2

**HDCP COMPLIANCE**
HDCP 1.3

**VIDEO BANDWIDTH**
21.6 Gbps

**VIDEO SUPPORT**
4K2K@30

**AUDIO SUPPORT**
LPCM, AC3, DTS

**ESD PROTECTION**
Human body model - ±15kV [air-gap discharge] & ±8kV [contact]

**PCB STACK-UP**
4-layer board [impedance control - differential 100Ω; single 50Ω]

**INPUT**
1x DP

**OUTPUT**
3x HDMI

**DP CONNECTOR**
Normal Type

**HDMI CONNECTOR**
Type A [19-pin female]

## Mechanical Specifications

**HOUSING**
Metal enclosure

**PRODUCT DIMENSIONS**
Model: 4.1 x 2.9 x 0.7 in. (105 x 73 x 17 mm)
Package: 6.4 x 4.4 x 1.7 in. (165 x 111 x 42 mm)
Carton: 1.6 x 1.4 x 13.8 in. (490 x 426 x 352 mm)

**PRODUCT WEIGHT**
Model: 115g [4 oz]
Package: 203g 7.2 oz

**FIXEDNESS**
Wall-mounting case

**POWER SUPPLY**
5V 1A DC

**POWER CONSUMPTION**
2 Watts [max]

**OPERATION TEMPERATURE**
0~40°C [32~104°F]

**STORAGE TEMPERATURE**
-20~60°C [-4~140°F]

**RELATIVE HUMIDITY**
20~90% RH [no condensation]

## Warranty

**WARRANTY**
Limited Warranty (3-Years)
SP-4053Z-PT allows user to connect three displays to the DisplayPort enabled laptop, Ultrabook, or PC. Configure these added monitors anyway you want; works as a splitter with the same content on each monitor, extended mode with independent monitors, or video wall mode joining multiple monitors together as one display.

**Connection Diagram**

1. Total bandwidth is 21.6Gbps* (under MST mode)

<table>
<thead>
<tr>
<th>RESOLUTION</th>
<th>% OF TOTAL BANDWIDTH (21.6Gbps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3840x2160@30</td>
<td>40%</td>
</tr>
<tr>
<td>1920x1200@60</td>
<td>30%</td>
</tr>
<tr>
<td>1920x1080@60</td>
<td>22%</td>
</tr>
</tbody>
</table>

*The total combined bandwidth among all connected displays must NOT exceed 21.6Gbps*

2. Supports UHD video resolutions up to 3840x2160@30, and 7.1ch surround audio to deliver high quality video and audio.
3. Driver or software is NOT required.
4. Existing video card can be used to minimize the use of system resources.
5. MacOS does NOT support MST technology and will only mirror each display.