**VE849**

Multicast HDMI Wireless Extender

The VE849 Multicast HDMI Wireless Extender extends your HDMI display up to 30m* from the HDMI source to up to four separate receivers, wirelessly. Easily connect two HDMI source devices, a local HDTV and up to four receivers (connected to HDTVs) wirelessly with crystal clear image quality capable of streaming Full 1080p with 5.1 channel Dolby digital audio and 3D technology. The IR remote control allows you to switch between HDMI source devices remotely from the receiver side and allows you to watch one local and four wirelessly connected HDTVs simultaneously.

Consisting of a wireless HDMI transmitter and receiver, the VE849 allows you to consolidate your HDMI devices. The VE849 can be used as:
- A wireless 2-port HDMI switch to connect remote devices (such as Blu-ray and media players) and complete your own wireless home cinema.
- An ideal addition to meeting rooms, allowing you to share presentations and video conferences to up to four different locations up to 30m* away.
- A part of your digital signage architecture, broadcasting ads or promotional videos wirelessly across a show room, boutique, or car dealership.

**Features**

- Connect 2 HDMI inputs to 5 HDMI outputs (1 local + 4 remote) via wireless extension*
- Wirelessly extend four HDMI displays up to 30m* from the HDMI source
- Connect and transmit wireless video content from your Blu-ray DVD player, media players, or other HDMI device wirelessly
- Multicast signal - 1 transmitter streams HDMI transmissions to 4 receivers simultaneously
- Supports Dynamic Frequency Selection (DFS) - greatly reduces Wi-Fi signal interference for improved transmission quality and stability
- Wireless 3D supported
- Wireless Full HD (1080p) and 5.1 channel Dolby with AC3 and DTS digital audio
- Superior video quality: 480p, 720p, 1080i, and 1080p (24 / 30 / 60fps)
- Keeps home theater electronic devices neatly out-of-sight
- Built-in IR receiver with IR blaster cable allows control of remote source devices
- WHDI™ Technology - Low latency <1ms
- HDCP compatible
- No software or driver installation needed

* Distance may vary depending on the actual environment; solid objects such as steel, concrete, or brick may cause interference and shorten the transmission distance.
### Specifications

<table>
<thead>
<tr>
<th>Function</th>
<th>VE849T</th>
<th>VE849R</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Video Input</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interface</td>
<td>2 x HDMI Type A Female (Black)</td>
<td>N/A</td>
</tr>
<tr>
<td>Impedance</td>
<td>100 Ω</td>
<td>N/A</td>
</tr>
<tr>
<td>Max Distance</td>
<td>1.8 m</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Video Output</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interface</td>
<td>1 x HDMI Type A Female (Black)</td>
<td>1 x HDMI Type A Female (Black)</td>
</tr>
<tr>
<td>Impedance</td>
<td>100 Ω</td>
<td>100 Ω</td>
</tr>
<tr>
<td>Max Data Rate</td>
<td>6.75 Gbps (2.25 Gbps Per Lane)</td>
<td>6.75 Gbps (2.25 Gbps Per Lane)</td>
</tr>
<tr>
<td>Max Pixel Clock</td>
<td>225 MHz</td>
<td>225 MHz</td>
</tr>
<tr>
<td>Compliance</td>
<td>HDMI (3D)</td>
<td>HDMI (3D)</td>
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<tr>
<td></td>
<td>HDCP compatible</td>
<td>HDCP compatible</td>
</tr>
<tr>
<td>Max Resolutions / Distance</td>
<td>Up to 1080p@30m</td>
<td>Up to 1080p@30m</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input</td>
<td>2 x HDMI Type A Female (Black)</td>
<td>N/A</td>
</tr>
<tr>
<td>Output</td>
<td>1 x HDMI Type A Female (Black)</td>
<td>1 x HDMI Type A Female (Black)</td>
</tr>
<tr>
<td><strong>Control</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>IR</td>
<td>1 x 2.5mm Mini Stereo Jack Female (Black)</td>
<td>1 x 2.5mm Mini Stereo Jack Female (Black)</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connector</td>
<td>1 x DC Jack</td>
<td>1 x DC Jack (Mini USB)</td>
</tr>
<tr>
<td>Consumption</td>
<td>5 VDC, 10W</td>
<td>5 VDC, 7.5W (Mini USB)</td>
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<tr>
<td><strong>Environment</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temp.</td>
<td>0–40 °C</td>
<td>0–40 °C</td>
</tr>
<tr>
<td>Storage Temp.</td>
<td>-20–60 °C</td>
<td>-20–60 °C</td>
</tr>
<tr>
<td>Humidity</td>
<td>0–80% RH, Non-condensing</td>
<td>0–80% RH, Non-condensing</td>
</tr>
<tr>
<td><strong>Physical Properties</strong></td>
<td>Plastic</td>
<td>Plastic</td>
</tr>
<tr>
<td>Weight</td>
<td>0.21 kg</td>
<td>0.13 kg</td>
</tr>
<tr>
<td>Dimensions (L x W x H)</td>
<td>18.20 x 9.65 x 3.15 cm</td>
<td>9.50 x 9.50 x 3.15 cm</td>
</tr>
</tbody>
</table>