The **PM-FR101-U** is a PureMedia™ Fiber Optic extender receiver for HDMI offering powerful and reliable long-distance extension of Ultra HD/4K video, embedded and analog stereo audio, as well as control signals up to 32,808 ft. (10 km) over a single-mode fiber optic cable.

### Key Features
- Extends uncompressed digital video, audio, and control signals over fiber
- Supports resolutions up to Ultra HD/4K
  - 10 km. (32,800 ft.) over single-mode fiber
  - 500 m. (1,650 ft.) over multi-mode fiber
- HDCP compliant
- RS-232 control
- Compatible with the PureMedia™ matrix switcher fiber outputs (PM-FOS4-U)
- Compatible with DVI display devices (adapter required)

### Technical Specifications

<table>
<thead>
<tr>
<th>INPUT SIGNAL</th>
<th>OUTPUT SIGNAL</th>
<th>DATA RATE</th>
<th>SUPPORTED RESOLUTIONS</th>
<th>MAX. DISTANCE</th>
<th>CONNECTOR TYPE</th>
<th>SUPPORTED FORMATS</th>
<th>POWER CONSUMPTION</th>
<th>DIMENSIONS(W X D X H)</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Optical Output ( &gt; -10dbm (after 32,88ft (10km) transmission))</td>
<td>DVI / HDMI (TMDS), 3.5mm stereo audio (&gt; 4db (after 32,88ft (10km) transmission))</td>
<td>3.4 Gbps/ch, Total 10.2 Gbps Max</td>
<td>Up to 3840 x 2160 @24/25/30Hz (RGB 4:4:4, YCbCr 4:4:4, 4:2:2, 4:2:0)</td>
<td>Single Mode Fiber: 1920 x 1200 @ 60Hz or at 1080p, Ultra HD 4K : 32,808 ft (10km)</td>
<td>DVI 29P/HDMI 19P Female (x 1)</td>
<td>DVI 1.0 , HDMI 1.4b, HDCP 2.0</td>
<td>DC +12V, 4Watts Max</td>
<td>5.75” x 4.5” x 1.25” (144.78 x 114.3 x 31.75 mm)</td>
<td>0.5 lbs ( 226.79g)</td>
</tr>
</tbody>
</table>