HDMI 2.0
4K/2K Extender over MM Fiber (300M)

Tx	Rx

LAN-F110

HDMI 2.0 4K/2K 300M Multi-mode Fiber Extender System

The **LAN-F110** extender provides extension of uncompressed HDMI 2.0 sink display up to 300M with maximum resolution up to 4K/2K@60HZ over Multi mode fiber.

It overcomes the copper HDMI cable length limitation without EMI concern, making it ideal for hospitals or other sensitive environments. The extender supports convenient Plug-and-Play installation, no software or drivers are required. It is a fast and easy solution for applications such as medical imaging, expo, Mass Rapid Transit, and long distanced A/V extension purpose.
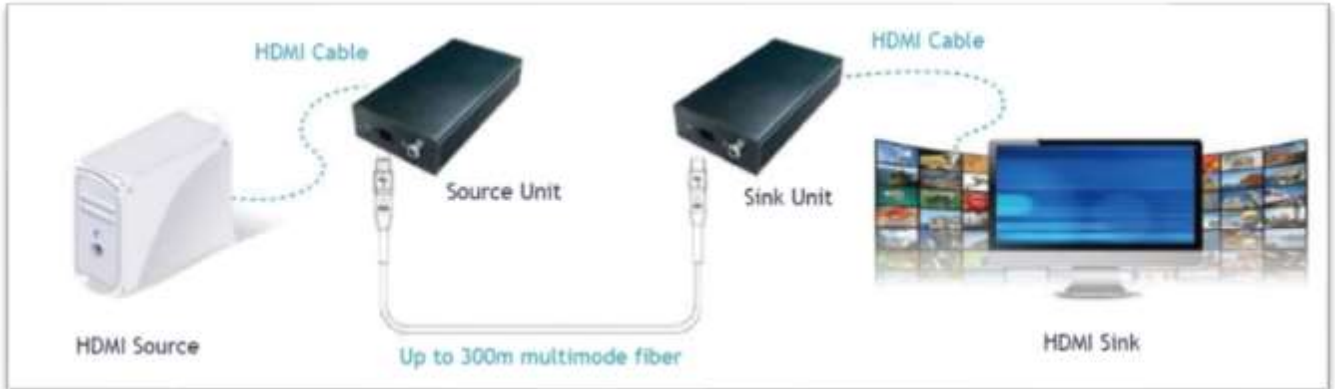
● **Features**

■ Extend long distance HDMI 2.0 connection up to 300M.

■ True 4K/2K@60Hz extension without compression.

■ Supports pass through HDR, EDID and DPCP.

■ Plug-and-play, no driver or software required.

● **Applications**

■ Digital signage A/V extension system.

■ Medical, industry and military remote monitoring.

■ Expo, MRT and airport passenger information system.

■ EMI and security sensitive A/V transmission system.

● Application Diagram

● Specifications

<table>
<tr><td colspan="2" align="center">LAN-F110</td></tr>
<tr><td colspan="2">Extension Range</td></tr>
<tr><td>Point-to-Point</td><td>Up to 300M* over OM3 above Multi-mode Fiber
* The maximum possible extension distance depends on HDMI source machine.</td></tr>
<tr><td colspan="2">Key Parameters</td></tr>
<tr><td>Maximum Resolution</td><td>3840*2160@60Hz</td></tr>
<tr><td>Maximum Video Bandwidth</td><td>18.0Gbps</td></tr>
<tr><td>EDID</td><td>Pass through</td></tr>
<tr><td>DPCP</td><td>Pass through</td></tr>
<tr><td>HDR</td><td>Pass through</td></tr>
<tr><td colspan="2">Environmental</td></tr>
<tr><td>Temperature</td><td>✓Operation: 0℃ ~ 50℃
✓Storage: -20℃ ~ 70℃</td></tr>
<tr><td>Humidity</td><td>✓Operation: 20 ~ 80%
✓Storage: 10 ~ 90%
*Relative Humidity, Non-Condensing.</td></tr>
<tr><td align="center">Source Unit Outline</td><td align="center">Sink Unit Outline</td></tr>
<tr><td>75(W)*138(D)*29(H)mm</td><td>75(W)*138(D)*29(H)mm</td></tr>
<tr><td>HDMI 2.0 receptacle*1</td><td>HDMI 2.0 receptacle*1</td></tr>
<tr><td>MPO*1</td><td>MPO*1</td></tr>
<tr><td>5V/920mA Power Consumption</td><td>5V/820mA Power Consumption</td></tr>
<tr><td>Net weight：282g</td><td>Net weight：282g</td></tr>
<tr><td colspan="2">Package Contents</td></tr>
<tr><td>Source Unit*1pc</td><td>Sink Unit*1pc</td></tr>
<tr><td>5V/3A Adaptor*2pcs</td><td>Multi-Country Power Cord*2 sets</td></tr>
<tr><td>Package weight：1225g (1 set)</td><td>Package size：176(W)*156(D)*128(H)mm (1 set)</td></tr>
<tr><td colspan="2">Safety Regulation</td></tr>
<tr><td>CE and FCC Approved</td><td align="center">C E F C</td></tr>
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◆ Ordering Information

LAN-F110 (EU, UK, AU, US plugs are included)