



## HDMI over IP Extender Kit (500752)

### Frequently Asked Questions (FAQ)

1. **Will this display on all 200 receivers (assuming they are HDCP compliant)?** Yes. One source can display on all 200 receivers, if they are all HDCP compliant.
2. **If a single display is not HDCP compliant, will it affect the display on the other 199?** No. Only the non-HDCP compliant display(s) will be affected. All other HDCP compliant displays won't be affected.
3. **What is the data stream load on the switch per program source?** The data stream load is up to 60Mbps per source (the exact data stream load depends on the video content). For best performance, MuxLab recommends using a 1Gbps Ethernet switch with IGMP enabled.
4. **What is the compression method and bit rate?** MJPEG, 60Mbps
5. **What is the latency of the 500752?** One (1) frame. Therefore, at 30fps there is 33msec latency.
6. **Are there any recommended settings for optimum performance?** Yes. For optimum interoperability, it is recommended to set the Refresh Rate to 60Hz for progressive scan and to 30Hz for interlace.
7. **What class of Ethernet switches is compatible with the 500752?** The Ethernet switches must be Gigabit Ethernet, IGMP and PoE (if required). Additionally, DHCP capability is a useful feature when used with MuxLab's HDMI over IP Management Software. Most L2 Managed Ethernet switches meet these requirements.
8. **What specific models of LAN switches would MuxLab recommend for use with the 500752?** The Cisco SG300 Series. [http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps10898/data\\_sheet\\_c78-610061.html](http://www.cisco.com/en/US/prod/collateral/switches/ps5718/ps10898/data_sheet_c78-610061.html)

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