



## HDMI IR/Extender Kit (500405)

### Frequently Asked Questions (FAQ)

1. **What are the main differences between the 500405 and the 500400?** The main differences are shown below:

	HDMI IR/Extender (500405)	HDMI Econo Extender (500400)
HDMI standard	1.3a	1.2
Maximum Dist Cat5e - 1080i (ft)	300	200
Maximum Dist Cat6 - 1080i (ft)	300	200
Maximum Dist Cat5e - 1080p (ft)	150	66
Maximum Dist Cat6 - 1080p (ft)	200	100
Maximum Dist Cat5e - 1080p Deep Color (ft)	90	unspecified
Maximum Dist Cat6 - 1080p Deep Color (ft)	150	unspecified
UTP Supported	Yes	Yes
Auto equalization	Yes	Yes
IR Source Control	Yes	No
IR Emitter & Sensor included	Yes	No
Power reqt	Two 12VDC	One 12VDC

2. **Are replacement IR Emitters and IR Sensors available from MuxLab?** Yes. The descriptions and part numbers are: IR Emitter (500998) and IR Sensor (500999).
3. **May 3<sup>rd</sup> party IR emitters and sensors be used instead?** Yes. As long as they are compatible with the electrical specifications in the IR Emitter (500998) and IR Sensor (500999) data sheets.
4. **What is the main difference between HDMI 1.2 and HDM 1.3a?** The main differences are: increased bandwidth, support for 1080p Deep Color (30, 36 and 48-bit), support for Dolby TrueHD and DTS-HD Master Audio streams, automatic audio syncing and improved Consumer Electronics Control (CEC) control functions.
5. **What is the difference between HDMI 1.3a and HDMI 1.3?** Most of the differences are minor and do not affect functionality. However, some additional CEC commands were added.

For more information, please contact MuxLab Customer Technical Support at 877-689-5228 (North America) or +1 514-905-0588 or at [videoease@muxlab.com](mailto:videoease@muxlab.com) or visit <http://www.muxlab.com/>.