Overview:

The MuxLab "MuxStream Live Streaming Solution" (model 100521) includes the main components needed to broadcast live content to mass recipients spread out across the globe. The solution allows live presentations to effectively be streamed over the Internet at up to 1080p full HD and can work with industry standard broadcast streaming services such as YouTube, Facebook, Wowza, to name a few, and also works with popular Audio/Video content production software tools such as OBS, Wirecast, and others.

The kit comes complete with a MuxStream Camera @ 1080p/60, a wireless Lav Mic system, and an intuitive Control App to manage the system.

The MuxLab MuxStream Control App is free to download, available for iOS and Android tablets, and Windows PC. The Control App manages the system setup, configures the Camera to stream to various broadcast services such as YouTube, Facebook and Wowza, and manages camera settings (such as PTZ). The MuxStream Camera supports up to 1080p video @ 60Hz and supports low bandwidth for streaming AV content over the Internet.
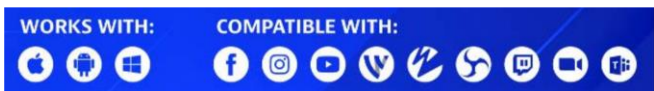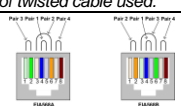
Applications:

- Live AV presentation broadcasts over the Internet
- Live AV streaming to YouTube, Facebook, and Wowza
- Streaming to OBS and Wirecast AV content production tools
- Ideal for House of Worship, Fitness Training, Cooking Classes, etc.

Key Features:

- AV over IP MuxStream Camera supports up to 1920 x 1080 (Full HD) at 60Hz video streams
- Low bandwidth streaming via an H.264/265 video codec, excellent for LAN & Internet transmission
- High image quality and <200ms latency in low latency mode with H.265
- Supports TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, and Multicast protocols
- Includes wireless clip-on Lav (Lavalier) Mic with transmitter and receiver
- Managed via free to download MuxLab MuxStream Control App, available for iOS and Android tablets, and Windows PC

Specifications	
Environment	HDMI 1.4
Signals	HDMI 1.4 and HDCP 1.4
Video Bandwidth	300MHz
Network Bandwidth	Up to 40Mbps (max)
Latency	<200ms (in low latency mode with H.265)
Protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast
Camera	12x Optical Zoom Camera @ 1080/p60, with remote PTZ control Accessories: Wall Mount Bracket
Maximum Distance (Ethernet Signal)	Cat5e/6: 330ft (100m) from Ethernet Switch. Unlimited over the Internet *Note: When installed in an electrically noisy environment, an STP cable must be used. Also, cross-connection reduces the effective distance depending on the grade of twisted cable used.*
Ethernet RJ45 Pin Configuration *Reverse Polarity Sensitive. Use EIA/TIA 568A or 586B straight-through wiring.*	**RJ45 Link** Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T)
Power Source	Camera DC 12V @ 1A (MAX)
Temperature	Operating: -10° to 40°C Storage: -20° to 60°C Humidity: Up to 95% non-condensing
Carton Box Dimensions	(W x D x H) = 12.204" (310mm) x 5.708" (145mm) x 9.448" (240mm)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	100521 MuxStream Live Streaming Solution (UPC: 627699505212)

Typical Application

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