



Facility Ethernet Switch (Existing)

CAT 5E Ethernet Cables

CAT 5E Ethernet Cable

POE Injector



Coaxial SDI Cable

Facility Audio Cabinet (Existing)





Zowietek Streaming Encoder

Audio Cable

Item	Qty	Price	EXT
ClearTouch PTZ Conference Camera Model # RL500	1	1500	1500
TP-Link TL-POE170S PoE++ Injector (Black)	1	45	45
3G SDI NDI Video Streaming Encoder Decoder, ZowieBox, UVC to SDI Converter, SDI Video Recorder & Extender with Loopout, SRT/RTMP(S)/RTSP to NDI, Standalone H.265/H.264 Live Streaming with PoE	1	240	240
Wall Mount Bracket for RL500 Camera	1	79	79
SDI Cable	1	100	100
Ethernet Cables	3	50	150
Audio Cable	1	50	50
BESIGN Ground Loop Noise Isolator for Car Audio and Home Stereo System with 3.5mm Audio Cable	1	9	9
		TOTAL	**2133**

Installation instructions

Install PTZ camera at the back of the chapel, taking care to position it so lighting doesn't block podium view.

Locate POE Injector adjacent to existing ethernet switch. Route Ethernet Cable jumper from ethernet switch to injector, and second cable from injector to camera, providing both network connection and power to camera.

Locate Zowietek encoder and ground loop isolator inside existing audio cabinet.

Route ethernet cable from existing ethernet switch to audio cabinet, connecting it to the Zowietek recorder.

Route SDI coaxial cable from camera to Zowietek encoder, providing video signal to encoder.

Route audio cable from audio source to Zowiedtek audio input (through ground loop isolator).

Instructions for programming and use

Create Gmail and YouTube account for single ward use. Submit request for YouTube Live access. (24 hours to authorize)

Obtain stream key and push URL from YouTube Live account.

Program Zowietek streaming encoder to include streaming setup for each ward using the setup.

Schedule YouTube live event using YouTube Live. (Not made for kids, no chat). This must be done for each meeting stream.

Enable the applicable live stream in the Zowietek encoder.

Go to YouTube Live and start stream.

After meeting, end stream in YouTube live.

Toggle stream off in the Zowietek encoder.

* After each meeting, promptly delete the recorded stream.