

## Introducing the MuxLab 6G-SDI Extender Over UTP

Up to 500 feet (150m) | Supports up to 4K Resolution

The 6G-SDI Extender is a unique new solution from Muxlab for extending SDI based cameras\* or other SDI sources\* up to 4K resolution with the added benefit of extending the Hi Resolution signal up to 500 feet (150m).

Standard Cat5e/6 UTP cable is used for the extension. The pair of units (Tx, Rx) use PoE for power and only require the Receiver (Rx) side to be powered. The input source for the 6G-SDI Extender is HD-SDI using four coax cables, 3G-SDI using two coax cables, and 6G-SDI using a single coax cable.



*\*Does not support slower modes. Limited to HD-SDI, 3G-SDI and 6G-SDI.  
SD-SDI modes not available.*

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**SINGLE  
6G-SDI**

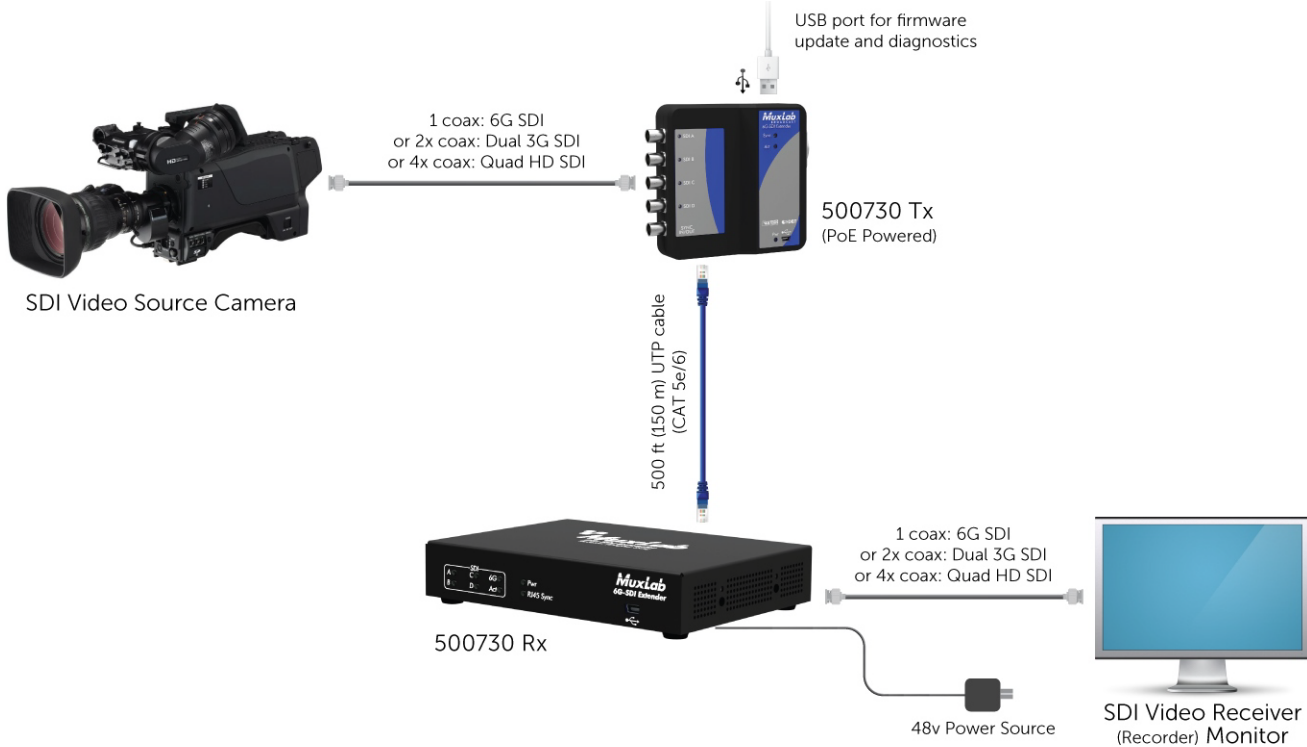
**One Coax Cable**

**SINGLE OR DUAL  
3G-SDI**

**Two Coax Cables**

**SINGLE, DUAL OR QUAD  
HD-SDI**

**Four Coax Cables**



## SOME OF THE MANY FEATURES:

- Up to 500 feet (150m) over UTP cable
- HD-SDI using two or four coax cables, 3G-SDI using single or two Coax cables, 6G-SDI using a single coax cable
- Supports 4K Resolution
- Supported modes: SMPTE 292M, SMPTE 296M, SMPTE 372M, SMPTE 424M, SMPTE 425M
- Supports all 6G channel configurations (1/2/4)
- Automatic SDI Link recognition and configuration
- USB interface for field upgradable firmware and diagnostics
- PoE to power supply to the Transmitter (Tx)
- Ethercon Connectivity and Aluminum Enclosure for ruggedized use



**Engineered & Designed  
in Canada**