Overview:
The HDMI 2.0/ST2110 over IP Uncompressed Gateway Converter allows lower cost HDMI 2.0 equipment to utilized in a broadcast environment and extended up to 1300ft (400m) via duplex multimode OM4 fiber with LC connectors, at up to 4K resolution @ 60Hz uncompressed, in a point-to-point configuration. Point-to-multipoint and multipoint-to-multipoint configurations are also possible by connecting several units to a 10G Ethernet network. The unit provides a 1G Ethernet Switch port to connect additional network devices, and an RS232 port for remote control of end devices.

The HDMI 2.0/ST2110 over IP Uncompressed Gateway Converter supports SMPTE ST-2110 and the NMOS API for third party management. Manage with third party control software platforms supporting the NMOS API.

Applications:
• Commercial broadcast AV systems
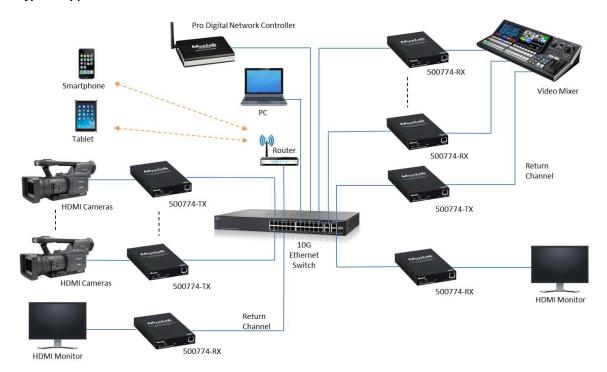• News/sports/TV stations
• Movie networks.

Key Features:
• Supports Uncompressed HDMI video up to 4K @ 60Hz and SMPTE ST-2110
• Extend HDMI over an IP network at up to 1300ft (400m) over duplex OM4 fiber
• Supports 100's of Transmitters & Receivers depending on network bandwidth
• Supports point-to-point, point-to-multipoint and multipoint-to-multipoint applications
• Supports two 10G Ethernet ports for communications and a 1G Switch port for additional network devices
• Supports audio insert (TX) & audio extract (RX)
• Supports RS232 for remote control of end devices
• Manage with third party control software platforms supporting the NMOS API

Environment	HDMI
Devices	Cameras, mixers, media players, monitors, TV, PC, laptops, servers supporting HDMI.
Signals	Up to HDMI 2.0
Connectors/Switches	One (1) HDMI connector Two (2) SFP Connectors for 10G Ethernet Switch ports One (1) RJ45S Connector for 1G Ethernet Switch port One (1) 3-position Phoenix Connector for RS232 One (1) 3.5mm audio connector One (1) 2.1mm locking power connector
Max Distance	OM4: 1300ft (400m), OM3: 985ft (300m)
Latency	Zero latency
Compression	None (uncompressed)
Network Bandwidth	Up to 10 Gbps
Network Requirement	10G Ethernet LAN
Cable	Two (2) Dual multi-mode fiber cables
Power Consumption	15 Watt
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Enclosure	Aluminium
Dimensions	4.4" x 7" x 1.0" (11.1 x 17.5 x 2.5 cm)
Weight	1.5 lb (0.7 kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	3 years
Order Information	500774-TX-MM: HDMI 2.0/ST2110 over IP Uncompressed Transmitter, MM fiber (UPC: 627699917749) 500774-RX-MM: HDMI 2.0/ST2110 over IP Uncompressed Receiver, MM fiber (UPC: 627699817742)
Accessories (Sold separately)	500920 16-Port Rackmount Transceiver Chassis 500917 Wall Mount Transceiver Bracket Kit

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Typical Application

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MuxLab Inc.
8495 Dalton Road, Mount Royal, Quebec, Canada, H4T 1V5
Tel: (514) 905 0588 Fax: (514) 905 0589
Toll Free:1 877 689-5228
E-mail: info@muxlab.com
www.muxlab.com