

QUICK-START GUIDE

thinklogical's® TLX VIDEO & KVM Extension System

With TLX Video & KVM Transmitter & Receiver E-Modules

DisplayPort 1.2 HDMI 2.0

Full 60Hz 4K Video and KVM Hybrid Extension Solutions over the Fewest Fibers

Thinklogical recommends SX+ Laser Enhanced Fiber-optic Cable, 50 or 62.5 microns, terminated with LC type connectors.

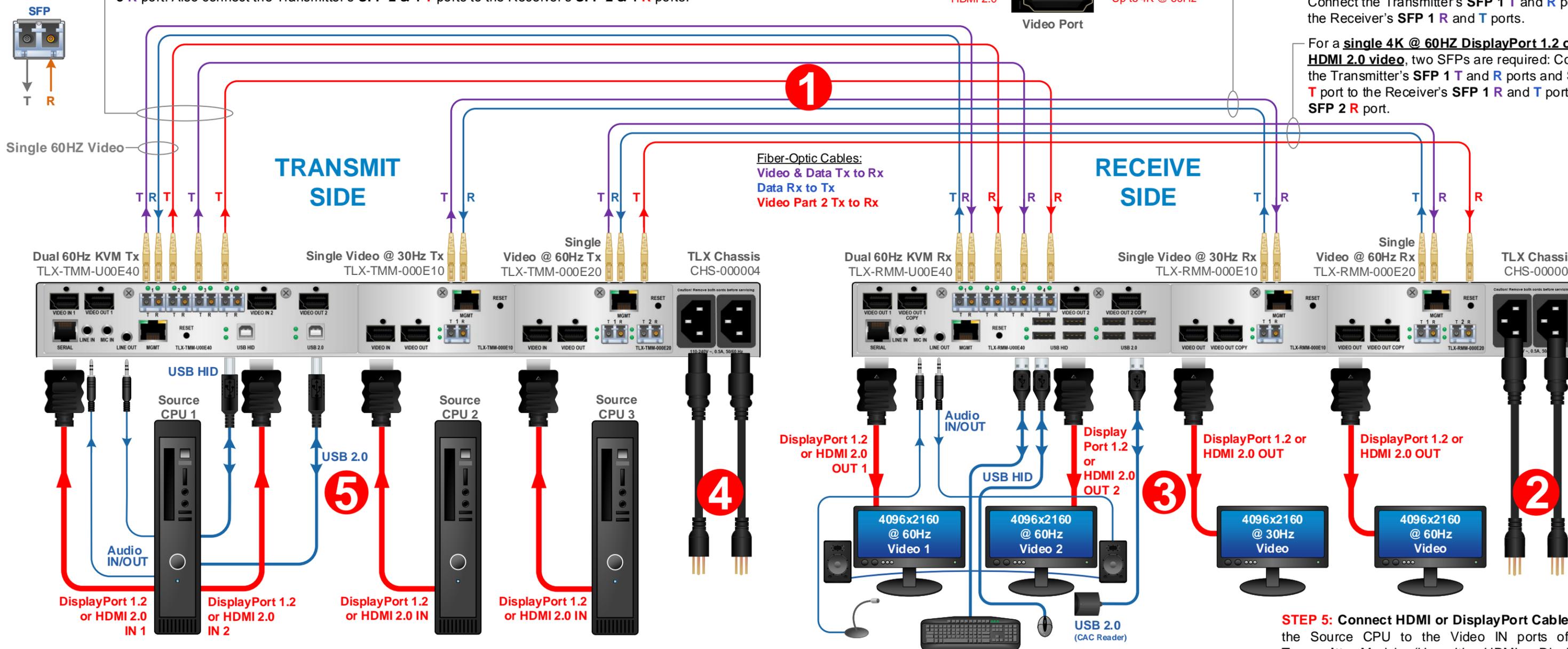
Multi-Mode: Up to 33 meters with Type OM1
Up to 82 meters with Type OM2
Up to 300 meters with Type OM3
Up to 400 meters with Type OM4
Single Mode: Up to 80km with Type OS2 9/125

For **dual 4K @ 60Hz DisplayPort 1.2 or HDMI 2.0 videos**, four SFPs are required: Connect the Transmitter's **SFP 1 T** and **R** ports and **SFP 3 T** port to the Receiver's **SFP 1 R** and **T** ports and **SFP 3 R** port. Also connect the Transmitter's **SFP 2 & 4 T** ports to the Receiver's **SFP 2 & 4 R** ports.

DisplayPort 1.2 — Up to 4K @ 60Hz
HDMI 2.0 — Up to 4K @ 60Hz

For a **single 4K @ 30Hz DisplayPort 1.2 or HDMI 2.0 video**, only one SFP is required: Connect the Transmitter's **SFP 1 T** and **R** ports to the Receiver's **SFP 1 R** and **T** ports.

For a **single 4K @ 60Hz DisplayPort 1.2 or HDMI 2.0 video**, two SFPs are required: Connect the Transmitter's **SFP 1 T** and **R** ports and **SFP 2 T** port to the Receiver's **SFP 1 R** and **T** ports and **SFP 2 R** port.



STEP 1: Connect the TLX Transmitters to the TLX Receivers using fiber-optic cables (multi-mode up to 400 meters). See above.
STEPS 2 & 4: On both the source and destination chassis, ensure the **CHS-4 Power Supply switches** on the front panel are in the OFF position. Install the **Right Power Supply Module** AC Power Cord (left receptacle) and the **Left Power Supply Module** AC Power Cord (right receptacle) onto each chassis. Plug both cords of each chassis into a standard AC source. On the front of each chassis, turn ON the Right and Left Power Supply Modules.

STEP 3: Connect HDMI or DisplayPort Cables from the Receiver to the display devices. (Use either HDMI or DisplayPort at both the Transmitter and Receiver.) Depending on your configuration, connect your peripheral devices (audio, USB, etc.) to the Receivers using standard copper cables as shown in the examples above. Turn all the devices ON.

STEP 5: Connect HDMI or DisplayPort Cables from the Source CPU to the Video IN ports of each Transmitter Module. (Use either HDMI or DisplayPort at both the Transmitter and Receiver.) If desired, connect a local monitor to each Module's Video OUT port. Connect the peripheral device sources to each KVM Transmitter Module with standard copper cables. Ensure the CPUs are turned ON.

thinklogical®

PHONE: 1-800-291-3211
WEBSITE: www.thinklogical.com
EMAIL: support@thinklogical.com

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