QUICK-START GUIDE

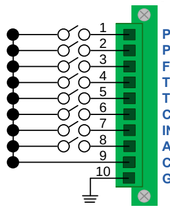
As used with *Thinklogical's*™ Velocitykvm-4 and Velocitykvm-5 Video Extension Systems

*Complete steps 1 through 8 to connect your **Thinklogical™ VX160 Router KVM Matrix Switch***

router VX160 KVM Matrix Switch

Powered by MRTS Technology

The VX160 Router Critical Hardware Alarms: (Located at the top, left rear of the unit.)



POWER SUPPLY 1 (LEFT): *Fan failure, temperature spikes, DC voltage and/or current out of range, AC power input interruption* and *module removed*
POWER SUPPLY 2 (RIGHT): *Fan failure, temperature spikes, DC voltage and/or current out of range, AC power input interruption* and *module removed*
FANS: *Individual fan monitoring*
TEMPERATURE WARNING: *Chassis over temperature, multiple sensors*
TEMPERATURE SHUTDOWN: *Chassis over temperature causing shutdown*
CPU: *Card failure (Only with a redundant card)*
INPUT/OUTPUT CARDS: *SFP+ failure, laser output fault*
ANY OF THE ABOVE
COMMOM
GROUND

Thinklogical's™ **VX160 KVM Matrix Switch** features redundant Power Supplies and Fail-Over Controller Modules for uninterrupted performance, even during system reconfiguration, updates or debug. The **VX160** remains fully functional with only one Power Supply installed or with one Controller activated.

NOTE: *When using a single Controller, the module on the left must be used.*

CONTENTS

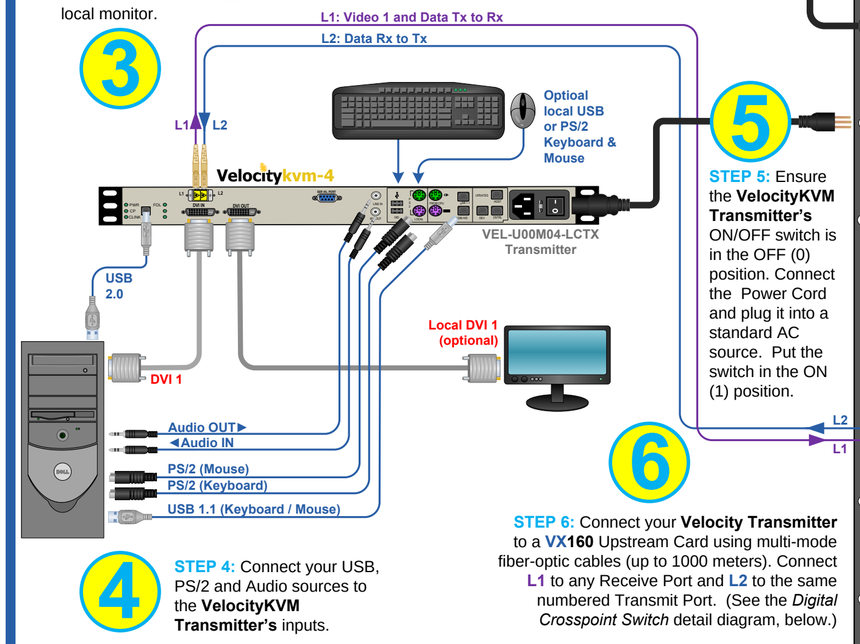
Upon receiving your *Thinklogical*™ **VX160 KVM Matrix Switch** you should find the following items:

- VX160 Chassis & Cards
- LC Duplex Bulkhead with Flange
- 15' CAT5 Cable (1)
- AC Power Cord (2)
- Product Manual CD

Single Head DVI and KVM Source

STEP 8: Connect both supplied AC Power Cords (PWR-0000056-R) to the receptacles located on the **VX160**'s power supplies. Plug each one into a standard AC source. Verify that all system functions are operating properly.

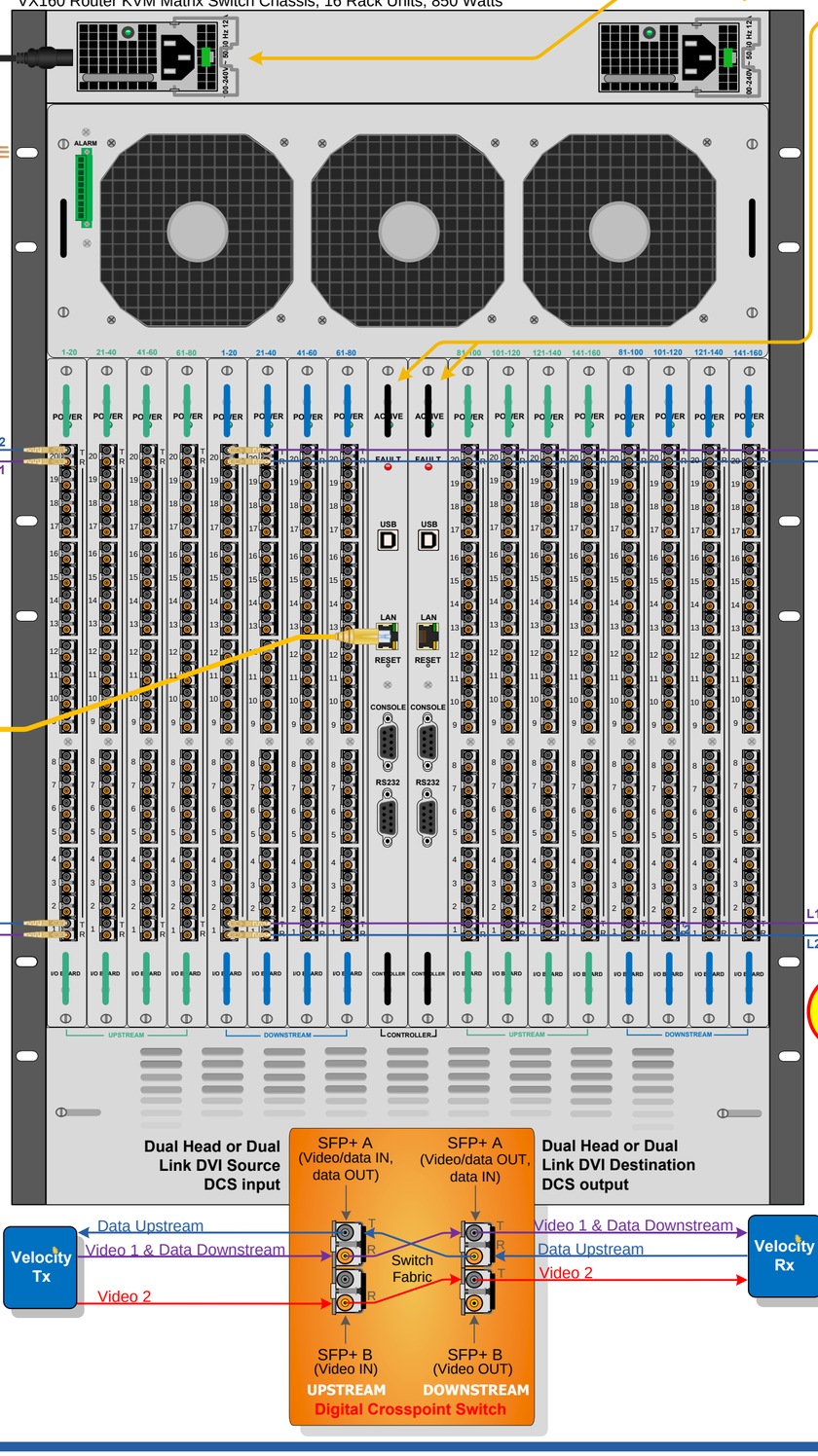
STEP 3: Connect the DVI IN cable from the CPU to the **VelocityKVM Transmitter** and the DVI OUT cable from the transmitter to the local monitor.



STEP 4: Connect your USB, PS/2 and Audio sources to the **VelocityKVM Transmitter's** inputs.

STEP 5: Ensure the **VelocityKVM Transmitter's** ON/OFF switch is in the OFF (0) position. Connect the Power Cord and plug it into a standard AC source. Put the switch in the ON (1) position.

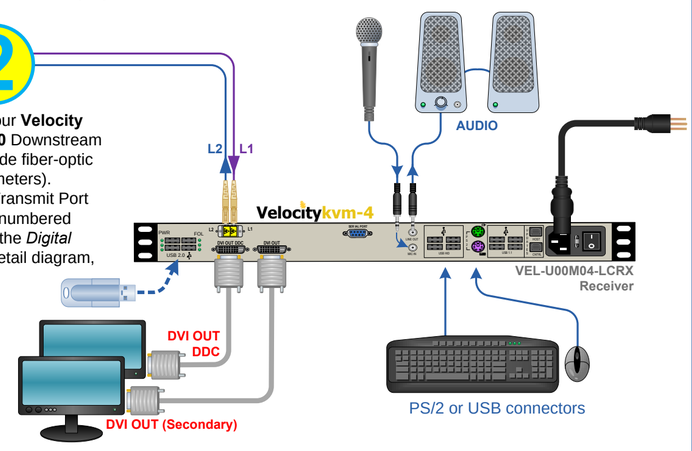
STEP 6: Connect your **Velocity Transmitter** to a **VX160** Upstream Card using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** to any Receive Port and **L2** to the same numbered Transmit Port. (See the *Digital Crosspoint Switch* detail diagram, below.)



Single Head DVI and KVM Destination

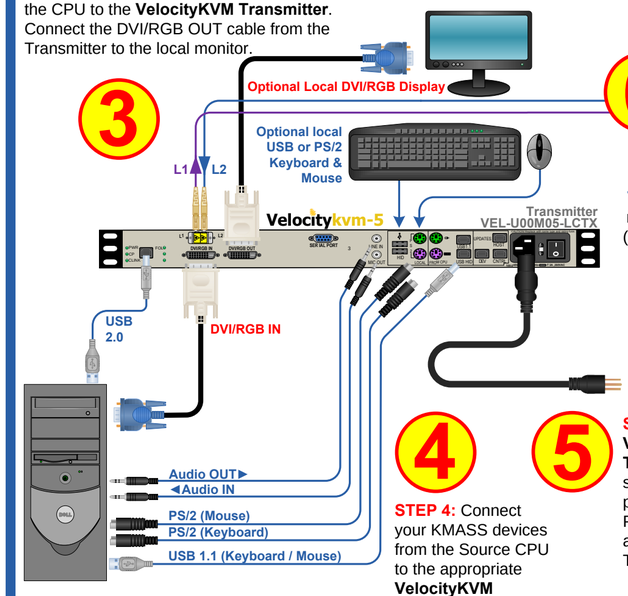
STEP 1: Ensure that the **VelocityKVM Receiver's** ON/OFF switch is in the OFF (0) position. Depending on your configuration, connect your desktop devices (monitors, keyboard, mouse, etc.) to the Receiver using standard cables as shown in the example below. Turn all the devices ON. Insert the AC power cord into the Receiver and plug it into a standard AC source. Turn the unit ON.

STEP 2: Connect your **Velocity Receiver** to a **VX160** Downstream Card using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** to any Transmit Port and **L2** to the same numbered Receive Port. (See the *Digital Crosspoint Switch* detail diagram, below.)



Single Head DVI/RGB KVM Source

STEP 3: Connect the DVI/RGB IN cable from the CPU to the **VelocityKVM Transmitter**. Connect the DVI/RGB OUT cable from the Transmitter to the local monitor.



STEP 4: Connect your KMASS devices from the Source CPU to the appropriate **VelocityKVM Transmitter** ports.

STEP 5: Ensure the **VelocityKVM Transmitter's** ON/OFF switch is in the OFF (0) position. Connect the AC Power Cord and plug it into a standard AC source. Turn the switch ON.

Linux Operating System

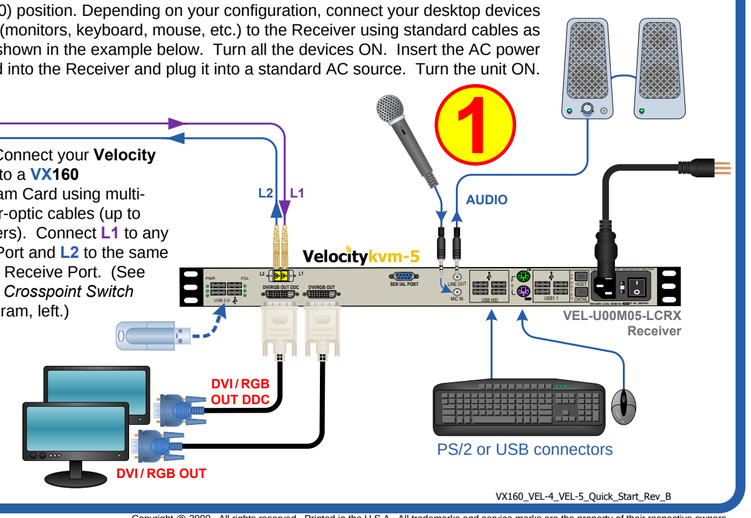
STEP 7: Connect the **Controller Card LAN Port** to your Linux CPU with a CAT5 cable. (IP address: **192.168.13.15**)

STEP 6: Connect your **Velocity Transmitter** to a **VX160** Upstream Card using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** to any Receive Port and **L2** to the same numbered Transmit Port. (See the *Digital Crosspoint Switch* detail diagram, right.)

Single Head DVI/RGB and KVM Destination

STEP 1: Ensure that the **VelocityKVM Receiver's** ON/OFF switch is in the OFF (0) position. Depending on your configuration, connect your desktop devices (monitors, keyboard, mouse, etc.) to the Receiver using standard cables as shown in the example below. Turn all the devices ON. Insert the AC power cord into the Receiver and plug it into a standard AC source. Turn the unit ON.

STEP 2: Connect your **Velocity Receiver** to a **VX160** Downstream Card using multi-mode fiber-optic cables (up to 1000 meters). Connect **L1** to any Transmit Port and **L2** to the same numbered Receive Port. (See the *Digital Crosspoint Switch* detail diagram, left.)



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