Installation Instructions
KVM2-PED-PS2
Pedestal-Mounted PS2/Serial KVM Extender

➡ **IMPORTANT!**

To identify computer related issues and prevent costly troubleshooting, bench test your monitor, Keyboard, and/or mouse with your computer before installing the KVM extender. Then connect the KVM extender and bench test again with the provided 25' CAT5 cable.

KVM Local and remote modules come from the factory as matched pairs (matched by serial number) and are tuned and tested as Such. Never use mismatched pairs of local and remote modules.

1. Install the KVM Local Module and cabling according to the instructions in the Adderlink X2 Dual Access manual.

   NOTE: Power supply will be required if PS2 cables are not hooked up to the computer. If your computer does not have PS2 ports, do not use a 3rd party USB to PS2 adapter. Please use the Hope Industrial adapter (part number CUSB-CCP2U).

2. Route the CAT5 cable from the KVM Local Module to the pedestal, then up through the pedestal and out the top. Route AC power cables for the KVM Remote Module and monitor up through the pedestal and out the top. Many issues with KVM Extender performance can be linked to partial or failing RJ45 crimps. We recommend using high quality crimpers and RJ45 connectors such as:

   • LCom PN TDS8PC6 Connectors (for Shielded, Solid or Stranded, CAT6 cables)

   • LCom PN TDS8PC5 Connectors (for Shielded, Solid or Stranded, CAT5E cables)

   • LCom PN HTS2500 or Hanlong PN HT-236Q Modular Crimper

   NOTE: Do not use your KVM Extender to link between different buildings. Linking between different buildings that do not share a common earth ground is not supported and may damage your KVM Extender.
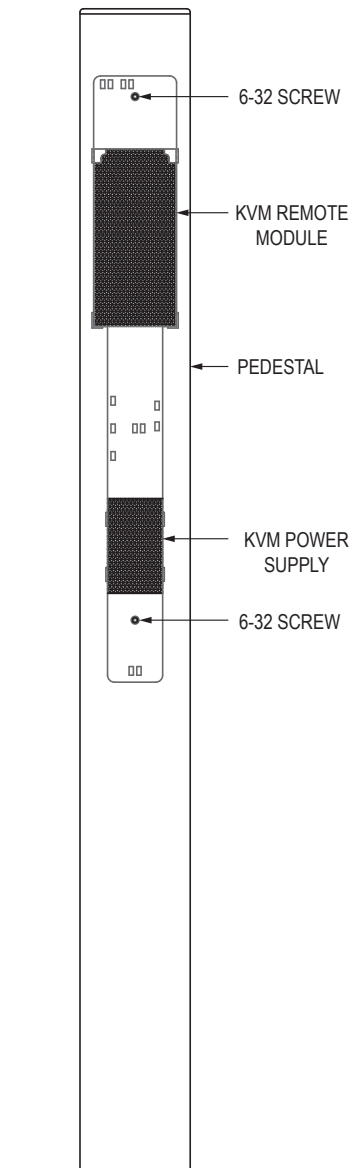
3. Connect the CAT5 cable to the RJ45 jack on the KVM Remote Module. Connect an AC power cable to the KVM Remote Module's power adapter.

4. For monitors with a permanently installed keyboard, install the keyboard by following the installation instructions that shipped with the keyboard. Connect the PS2 cables from the keyboard to the PS2 ports on the KVM Remote Module and continue to step 6.

5. For monitors without a permanently attached keyboard, temporarily plug a PS2 keyboard into the keyboard PS2 port of the KVM Remote Module.

6. Temporarily install a video cable between the KVM Remote Module and the monitor. Set the monitor up on a bench. Bring power to the monitor. Download the Adder test pattern generator from the following address:

   http://www.HopeIndustrial.com/links/addertest

   Perform the image adjustments found in the "Image controls" and "Skew adjustment" sections of the AdderLink X2 Dual Access manual.

   NOTE: Remote Module dip switches are all off and should not be changed.

7. After completing the image adjustment, unplug the temporary keyboard (if applicable) and temporary video cable.

8. Remove and discard the two 10-32 sealing screws and washers from the back side of the pedestal.

6-32 SCREW

KVM REMOTE MODULE

PEDESTAL

KVM POWER SUPPLY

6-32 SCREW

9. Finish installation.

   a. Connect the video cable to the VGA port on the KVM Remote Module and tighten the screw locks. For touch screen units, connect the 6' RS-232 cable to the serial port on the KVM Remote Module and tighten the screw locks.

   b. Arrange cables coming up through the pedestal so the KVM assembly (and cables already attached) can slip into the pedestal with the KVM bracket flush against the back side of the pedestal. Lower the KVM assembly into the pedestal and temporarily hold the assembly to prevent it from falling all the way into the pedestal.

   c. Attach the KVM bracket to the pedestal with the provided two 6-32 screws and washers. Use stainless steel screws for stainless steel pedestals or black screws for black pedestals.

   d. Complete installation of the monitor per the instructions in the user manual, along with the video cable, power cable, PS2 cable (for keyboards), and RS-232 cable (for touch screen units) from the KVM Remote Module into the Universal Mount Monitor. Secure the screw locks on the video and RS-232 cables.