

“Start Here” Checklist

UNPACK

- Unpack and check all the PowerVision® DAT kit pieces, as described in “Inspecting the Equipment” in the user’s guide. Record the PowerVision DAT serial number here: _____

PLAN (for Location)

- Determine the installation location of the PowerVision DAT. Preview the “Mounting Installation” instructions in the user’s guide to help choose the installation location of the unit.
- If you plan to mount the PowerVision DAT in a custom rack or on the wall, obtain the proper extra mounting hardware.
- Verify that a 120 Vac power outlet is close enough for the PowerVision DAT’s power supply for the power cord to reach the outlet, and for the low voltage cable from the power supply to reach the PowerVision DAT. (For a wall-mount installation, the power supply sits inside the wall mount housing.)
NOTE: To connect the PowerVision DAT to a 220 Vac power outlet, obtain a proper high voltage power cord.

PLAN (for Configuration)

- You may need certain information from your network administrator to connect to your Ethernet network or to simulate connecting to a network. Ask your administrator if you need the following communication identifiers:
 - ▶ IP Address _____
 - ▶ Gateway Address _____
 - ▶ Net Mask _____
- Have available:
 - ▶ An operating Ethernet network with an available outlet.
 - ▶ A common RJ-45 Ethernet network cable long enough to reach from the Ethernet outlet to the PowerVision DAT.

PLAN (for Installation)

- Obtain the following tools:
 - ▶ Wire stripper
 - ▶ Small screwdriver [0.10” (0.25 cm blade)]
 - ▶ Medium screwdriver (optional)
 - ▶ Tape measure (optional)
 - ▶ Level (optional)
 - ▶ Cable ties (optional)
 - ▶ Marking pen (optional)
 - ▶ Nut drivers (optional)
- For each machine to be connected to the PowerVision DAT, verify that all signal cables using 16–28 AWG wires from the machines are connected to the machines (or at least identified as to what the connection will be), and the ends of each cable are available at the PowerVision DAT location.
- For each signal cable from a machine, provide detailed information about each cable in the wiring diagram (on the back of this page). You will need this wiring diagram to properly identify and describe each machine when wiring and configuring the PowerVision DAT. If you are unfamiliar with this type of wiring, refer to “Planning for Installation” in the user’s guide. This section guides you through concepts and examples for planning the wiring and completing the wiring diagram.

INSTALL

- Complete the mounting installation of the PowerVision DAT unit in the installation location. For details, refer to “Mounting Installation” in the user’s guide.
- Complete the wiring installation of the PowerVision DAT, connecting all wiring and optional equipment, and powering up the unit. For details, refer to “Wiring Installation” in the user’s guide.
- At the host site, install or upgrade your PowerVision software to the required 4.0 version. To install or upgrade, insert the Powerware Software Suite CD into the computer(s) that will run the software and follow the onscreen instructions.

CONFIGURE

- Complete the required configuration tasks for the PowerVision DAT, as described in detail in “Front Panel Configuration” in the user’s guide. You may also wish to complete the optional configuration tasks at this time (refer to “Other Common Configuration Tasks” in the user’s guide).
- Back up your updated configuration file, as described in “Configuration Files” in the user’s guide.
- Notify your network administrator to set the main (host) computer to call the PowerVision DAT for the data you entered during configuration.
- When interfacing the PowerVision DAT with the PowerVision Facility Edition software, refer to “Interfacing with PowerVision Software” in the user’s guide for information on using the PowerVision software with the PowerVision DAT.

PowerVision DAT Wiring Diagram

