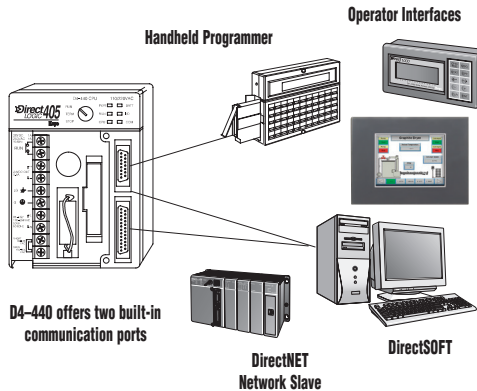


D4-440 Key Features



D4-440 CPU

The D4-440 provides a subset of the D4-450/D4-454's capabilities. If you need fast boolean execution, good communications, and complex math or PID isn't required, this is the CPU for you.

Instruction set

The D4-440 instruction set includes most of the capabilities of the D4-450/D4-454. The D4-440 does not support some of the more advanced instructions such as PID, floating point math, drum sequencers, trig. functions, IBoxes, etc.

Two built-in communication ports

D4-440 offers two communication ports. The top port can be used for a direct connection to a personal computer for programming, to our handheld programmer, to our DV-1000, or to operator interfaces and touch panels. The bottom port is a slave-only port and supports our *DirectNET* or K-sequence protocol at speeds up to 19.2K baud.

Range of power supplies

The D4-440 provides a wide range of power supply options:

- 110/220 VAC
- 24 VDC

Memory cartridges

The table below shows the memory cartridges available for the D4-440 and D4-450. The D4-440 requires a memory cartridge for program storage. The D4-450 has 7.5K of built-in FLASH program memory. However, you can use a memory cartridge instead of the built-in memory if you need more program space.

	D4-UV-2	D4-EE-2
Program Storage Capacity	15.5K	15.5K
Cartridge Battery Type	None	None
Writing Cycle Life	1,000	>10,000
Write Inhibit	N/A	Internal jumper
Memory Clear Method	Ultraviolet light	Electrical