

4-Port XGA Video Splitter



Connect four XGA or VGA
monitors to one PC.

FEATURES

- Converts one XGA or VGA video signal into four signals for display on up to four monitors.
- Programmable frequency-profile cable compensation for distances up to 600 feet on two channels.
- Shielded enclosure protects against EMI/RFI interference.
- Resolutions up to 1600 x 1200.
- Simple to set up.
- Versions available for North America and U.K.

OVERVIEW

Sure, there are VGA splitters everywhere. But how many of them support the high resolutions of XGA? Not many. But Black Box has the best one!

The 4-Port XGA Video Splitter enables you to connect up to four XGA or VGA monitors to a single CPU. It provides amplification of video signals with very high bandwidths (exceeding 250 MHz) and ensures operation at resolutions up to 1600 x 1200.

Place monitors where you need them! Set up video displays throughout your retail establishment. Place monitors on a factory floor while keeping the CPU in a separate clean room.

The 4-Port XGA Video Splitter has two standard outputs capable of driving signals up to 100 to 200 feet (30.5 to 61 m) in length, depending on resolution. Its two DX outputs can be programmed using DIP switches on the unit to drive signals up to 600 feet (182.9 m) on two channels—you don't need a booster or special software of any kind!

Models are available for use in North America and the U.K. Both versions of the splitter come with a power supply and a 6-ft. (1.8-m) HD15 male to HD15 male VGA cable.

Setup is easy. Using the included VGA cable, connect the input of the 4-Port XGA Video Splitter to your computer's video output connector. Attach the power supply to the splitter, then plug it into a wall outlet. Now you're now ready to do some high-resolution, long-distance video splitting!

Technically Speaking

Video splitters enable you to take a single video signal from your PC and split it into two or more signals to two or more monitors. This capability makes video splitters invaluable for applications in education, sales, industry, and advertising.

A video splitter reamplifies the video signal in order to divide it without losing quality. Each port has its own video drivers for individual gain and impedance compensation, so each port is independent of the others—you can locate monitors at varying distances and get optimum quality on each.

Because a video splitter reamplifies the video signal, it also acts as a short-range video extender. A normal video signal right from the back of your PC can go about 50 feet (15.2 m) before it starts to deteriorate.

A BLACK BOX® Video Splitter can boost that distance up to 600 feet (182.9 m), depending on your application. Our video splitters are available with up to 10 channels and are compatible with a variety of video standards. One is right for your application.

Where can you use BLACK BOX® Video Splitters?

- Build point-of-sale displays that stop customers in their tracks.
- Broadcast statistics and other information to multiple locations in real time.
- Give personalized training to students in a classroom.
- Place monitors on your shop floor while your CPUs stay in a safe, clean environment.
- Display work orders and other instructions in real time to multiple stations for greater efficiency.
- Set up multiple monitoring stations for automated process control.

You can do all these and so much more with BLACK BOX® Video Splitters!



AC090A

TECH SPECS

Distance (Maximum) — 2 ports are up to 600 ft. (182.9 m), 2 ports are up to 100 to 200 ft. (30.5 to 61 m)

Resolution (Maximum) — 1600 x 1200

CE Approval — AC090AE

Connectors — (1) HD15 F Input (computer), (4) HD15 F outputs (2 DX, 2 STD)

Operating Environment — Temperature: 32 to 122°F (0 to 50°C); Humidity: Up to 95% noncondensing

Power —

Input Voltage: From external power supply, either 115 VAC/60 Hz or 230 VAC/50 Hz;

Output: 12 VDC, 300 mA, center positive

Size — 1.3"H x 7.3"W x 2.8"D (3.3 x 18.5 x 7.1 cm)

Weight — 1 lb. (0.5 kg)

WHAT'S INCLUDED

- ◆ The 4-Port XGA Video Splitter.
- ◆ Power supply.
- ◆ (1) 6-ft. (1.8-m) HD15 male to HD15 male VGA cable.

Item	Code
4-Port XGA Video Splitter	
North American Model	AC090A
U.K. Model	AC090AE
You may also want to order cable...	
VGA Video Extension Cable, Male/Female	
10-ft. (3-m)	EVNPS05-0010-MF
50-ft. (15.2-m)	EVNPS05-0050-MF
100-ft. (30.5-m)	EVNPS05-0100-MF
200-ft. (61-m)	EVNPS05-0200-MF
500-ft. (152.4-m)	EVNPS05-0500-MF

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.