



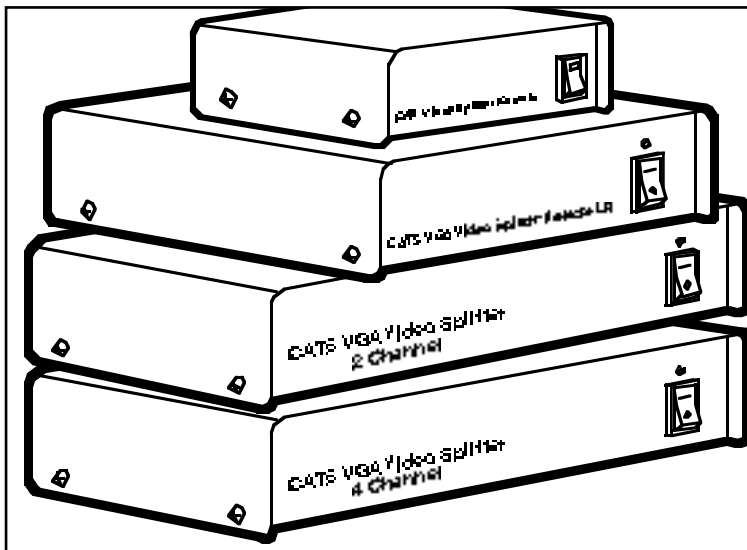
BLACK BOX[®]

NETWORK SERVICES

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CAT5 VGA VIDEO SPLITTERS



Simultaneously broadcast your screen to up to four remote monitors via standard Category 5 UTP cable.

Key Features

- ▶ **Connect up to two or four monitors to one CPU.**
- ▶ **Locate monitors up to 360 ft. (109.7 m) from the CPU using the remote standard models or 820 ft. (250 m) using the long-range models.**
- ▶ **Supports IBM PC, PS/2, and 100% compatibles; 5-pin DIN or mini 6-pin keyboards; SVGA, VGA, XGA, and monochrome monitors; serial PS/2 bus mice; and all types of software.**
- ▶ **Resolution up to 1280 x 1024.**

Instantly broadcast the information on your computer's video screen to users in remote locations. The CAT5 VGA Video Splitters let you demonstrate products, present data, monitor security, or educate and train users. And all you need is Category 5 twisted-pair cable—not expensive coax!

- Demonstrate your products in the showroom, boardroom, window display, exhibition, or trade show.
- Broadcast important real-time data such as flight information at an airport, stock prices in the bank's branch office, or news headlines in a TV or radio station.
- Monitor security stations in a plant, warehouse, or business entrance.

- Educate or train people via remote monitors in a classroom or company.

The host module is a central unit that connects to your local CPU. CAT5 VGA Video Splitters are available in 2- or 4-port host modules for 110 VAC or 220 VAC.

You'll also need up to 2 or 4 remote units. Remote standard units connect to your video screens in locations up to 360 ft. (109.7 m) away from the CPU. Remote long-range splitters provide distances up to 820 ft. (250 m) from the CPU.

All the splitters work with Category 5 twisted-pair cable, so

they're ideal for use with your updated copper network.

The VGA Video Splitter supports IBM® PC, PS/2®, and 100% compatibles; 5-pin DIN or mini 6-pin keyboards; SVGA, VGA, XGA, and monochrome monitors; and serial PS/2 bus mice. It even supports high-resolution monitors (1280 x 1024).

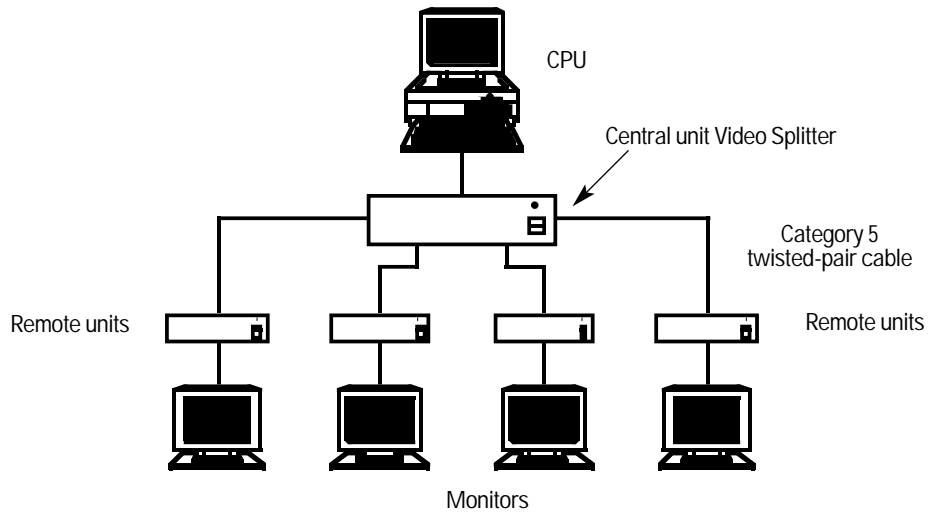
It's easy to install—just plug and play. No software installation is required. And the splitter doesn't conflict with software running on your computer.

Cascade multiple splitters to increase the number of monitors you can broadcast to.

Typical Application

Broadcast data from a central VGA screen to two or four remote screens via Category 5 twisted-pair cable.

Broadcast video from a central source to up to four remote monitors via the CAT5 VGA Video Splitter.



Specifications

System Requirements: 2-Channel models: (1) PC, (1) local monitor, (2) remote monitors;
4-Channel models: (1) PC, (1) local monitor, (4) remote monitors

I/O Signals: Video signals: red, green, blue, 0.7 Vp-p/75 ohms positive; Sync: TTL vertical and horizontal

Resolution: Monitor: 1280 x 1024;
Horizontal: 30 to 100 kHz;
Vertical: 43 to 100 Hz

Transmission: Remote Standard: Splitter to Monitor: 360 ft. (109.7 m);
Remote Long-Range: 820 ft. (250 m)

Cables: 4-pair Category 5 twisted pair, 24 AWG

Connectors: AC500A(E):
Input port: (1) HD15 male,
Pass-through port: (1) HD15 female,
Interconnect port: (2) RJ-45;
AC501A(E): Input port: (1) HD15 male,
Pass-through port: (1) HD15 female,
Interconnect port: (4) RJ-45;
AC502A(E), AC503A(E):
Input port: (1) RJ-45 female,
Output port: (1) HD15 female

Enclosure: Shielded metal box

Size: AC500A(E), AC501A(E):
1.6"H x 7.7"W x 4.1"D
(4.1 x 19.6 x 10.4 cm);
AC502A(E): 1.6"H x 4.4"W x 3.5"D
(4.1 x 11.2 x 8.9 cm);
AC503A(E): 1.6"H x 6.3"W x 5"D
(4.1 x 16 x 12.7 cm)

The Complete Package

AC500A(E) or AC501A(E)

- (1) CAT5 VGA Video Splitter host module, 2- or 4-Channel
- (1) 5-ft. (1.5-m) video cable (HD15 male/HD15 female)
- (1) 110-VAC or 220-VAC power supply
- (1) users' manual

AC502A(E) or AC503A(E)

- (1) Remote CAT5 VGA Video Splitter Standard or Long-Range
- (1) 110-VAC or 220-VAC power supply
- (1) users' manual

Ordering Information

ITEM	CODE
<i><u>You'll need one host module...</u></i>	
CAT5 VGA Video Splitters	
2-Channel (110 V)	AC500A
2-Channel (220 V)	AC500AE
4-Channel (110 V)	AC501A
4-Channel (220 V)	AC501AE
<i><u>...and one remote splitter for each remote monitor that you want to connect...</u></i>	
Remote CAT5 VGA Video Splitters	
Standard (110 V)	AC502A
Standard (220 V)	AC502AE
Long-Range (110 V)	AC503A
Long-Range (220 V)	AC503AE
<i><u>You might also want to order:</u></i>	
CAT5 Solid-Conductor Cable (UTP), 100-MHz, 24-AWG, RJ-45, 4-Pair, T568B, PVC, NEC® CMR Straight-Pinned	
	EYN737MS