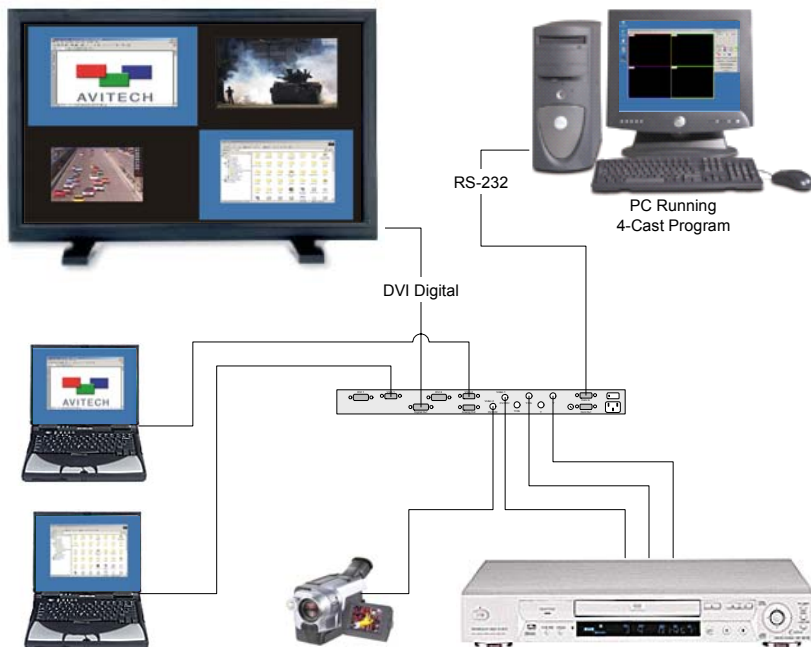


4-Cast Presentation Modules

The **4-Cast** and the **4-Cast-8x2** are new members of **Avitech's** series of Presentation modules. They display up to four image sources of any size and at any position simultaneously on a single display device. Two of the four sources can be RGB or DVI signals from computers. The other two sources can be from composite, YC, or component video.



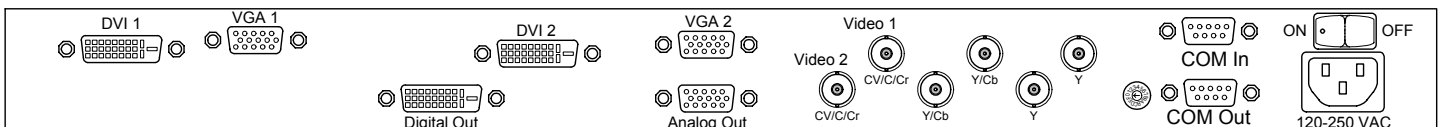
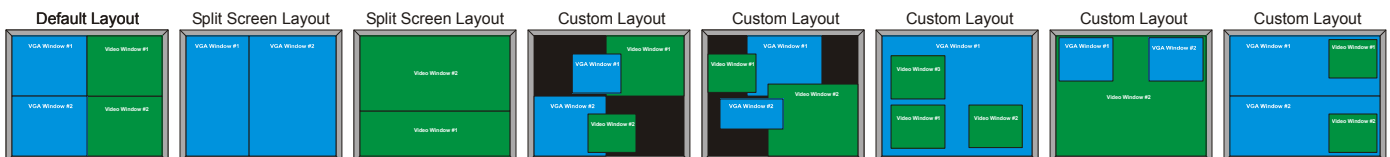
Computer inputs on RGB can range from 640x480 to 1600x1200 resolutions. DVI inputs automatically detect incoming digital computer sources from 640x480 to 1280x1024. Outputs are RGB and DVI. The output resolution scales from 852x480 up to 1600x1200 at either 4:3 or 16:9 aspect ratios.



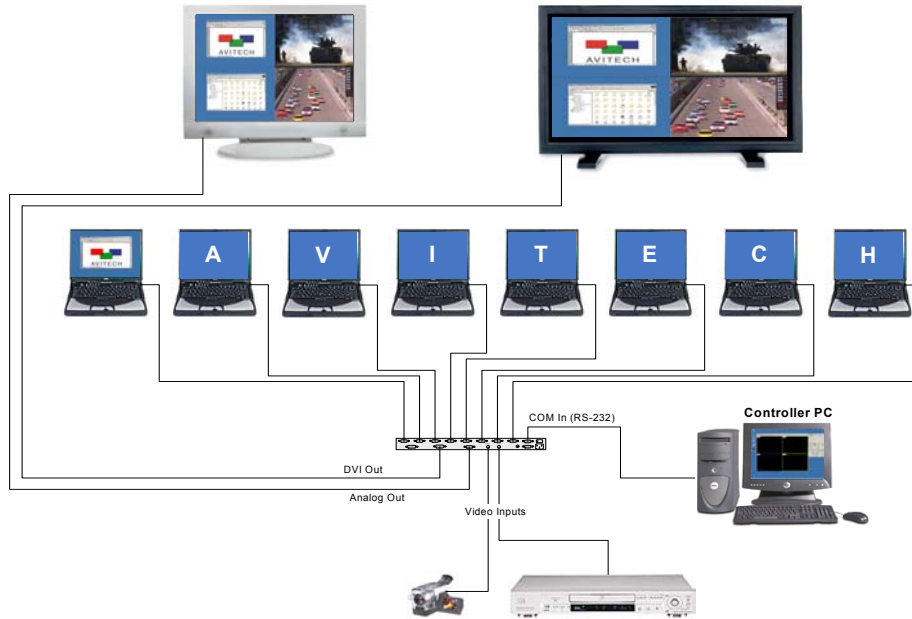
Both modules can be controlled via an RS-232 or RS-485 port. The **4-Cast** is ideal for both single screen and multiple screen applications. In a multiple screen application, several **4-Cast** modules can be controlled from a single point of control using only one RS-485 port and cascading the control signals to the next module.

A Windows based control program shipped along with the **4-Cast** provides functional operation of the module. A PC with an available RS-232 serial port running Windows98SE® or higher is all that's required. API and example function calls are available for third party system integration.

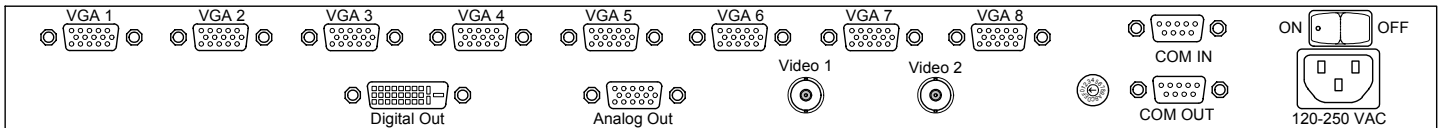
The **4-Cast** modules allow fade transition between the two computer or video images. Any portion of the images can be cropped and panned. There are virtually limitless window size and placement combinations.



4-Cast Back View



The **4-Cast-8x2** allows for selection of any 2 out of the 8 RGB computer inputs to be displayed.



4-Cast-8x2 Back View

4-Cast Specifications (subject to change without notice)

| Input | Specifications | Resolution |
|---------------|--|---|
| Analog RGB | Two DB-15 female inputs; RGBHV, RGBS, RGsB | 640x480 to 1600x1200 (VGA 1 & 2) |
| Digital | Two DVI 29 pin female inputs | 640x480 to 1280x1024 (DVI 1 & 2) |
| Video (SD) | Three BNC | Composite video, S-video (Y,C), and Component (Y, Cb, Cr) |
| Communication | One DB-9 female | RS-232 or RS-485 |

4-Cast -8x2 Specifications (subject to change without notice)

| Input | Specifications | Resolution |
|---------------|--|-----------------------------------|
| Analog RGB | Eight DB-15 female inputs; RGBHV, RGBS, RGsB | 640x480 to 1600x1200 (VGA 1 to 8) |
| Video (SD) | Two BNC | Composite Video (Video 1 & 2) |
| Communication | One DB-9 female | RS-232 or RS-485 (COM In) |

Common Specifications (subject to change without notice)

| Output | Specifications | Resolution |
|--------------------------|-----------------------|---|
| Analog RGB | One DB-15 female | 852x480 (16:9) to 1600x1200 (Analog Out) |
| Digital Visual Interface | One DVI 29 pin female | 852x480 (16:9) to 1600x1200 (Digital Out) |
| Communication | One DB-9 female | RS-485 |

| Environment | Operating | | Storage | |
|-------------|-------------------|-----------------------------|-----------------------------|--|
| | Temperature Range | 41 - 122° F, non-condensing | 14 - 140° F, non-condensing | |
| | Humidity Range | 20 - 90%, non-condensing | 10 - 90%, non-condensing | |
| | Altitude Range | 0 - 10,000 ft. | 0 - 20,000 ft. | |

■ Power: 90-230VAC 50/60Hz <25W

■ Weight: 7lbs

■ Size: 16.75" w X 10" d X 1.75" h (1RU)