

## VCC-4cDVI Video Command Center Module

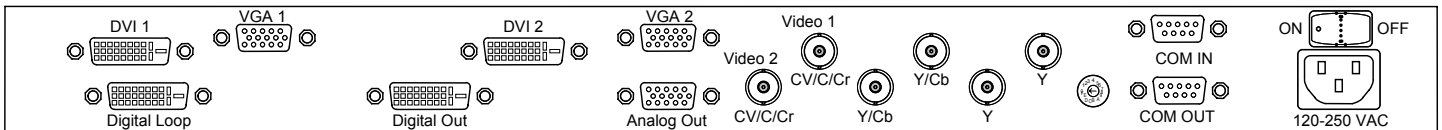
The **VCC-4cDVI** is a new member of Avitech's series of Video Command Center modules. It displays up to four image sources of any size and at any position simultaneously on a single display device. Two of the four sources can be RGB or DVI signals from computers. The other two sources can be from composite, 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 of the **VCC-4cDVI** are RGB and DVI. The output resolution scales from 852x480 up to 1600x1200 at either 4:3 or 16:9 aspect ratios.



When connected to an **Avitech VCC-C1R** controller, **VCC-4cDVI** modules can be cascaded to display many sizeable and scaleable video windows with text labels, 3D borders, digital clocks and other graphic elements. The **VCC-4cDVI** modules provide simultaneous analog (HD-15) and digital (DVI) outputs compatible with display devices capable of up to 1600x1200 resolutions. The VCC-C1R controller sends graphic elements to the first **VCC-4cDVI** in a group via the **Digital Loop** connection and sends control signals via the **COM In** RS-485 serial connection. Additional **VCC-4cDVI** modules are cascaded by connecting the **Digital Out** and **COM Out** to the corresponding **Digital Loop** and **COM In** of the next module in the group. The display device is connected to the **OUT** (both **Analog Out** and **Digital Out** connections are active) of the last **VCC-4cDVI** in the group.

In a VCC display group, one can cascade multiple **VCC-4cDVI** modules with other VCC modules, e.g. VCC-4dDVI with SDI digital inputs, VCC-4hDVI with HDTV SDI digital inputs, VCC-2vDVI with computer inputs on RGBHV or DVI and VCC-4eDVI with analog composite video inputs.



Detail – VCC-4cDVI Rear Panel

### VCC-4cDVI Specifications (subject to change without notice)

Input	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, Digital Loop)
	Video (SD)	Three BNC	Composite video, S-video (Y,C), and Component (Y, Cb, Cr)
	Communication	One DB-9 female	RS-485
Output	Analog RGB	One DB-15 female	852x480 (16:9) to 1600x1200 (Analog Out)
	Digital Visual Interface	Two DVI 29 pin female	852x480 (16:9) to 1600x1200 (Digital Out)
	Communication	One DB-9 female	RS-485
Environment		<b>Operating</b>	<b>Storage</b>
	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)