

VCC-4dDVI Video Command Center Module

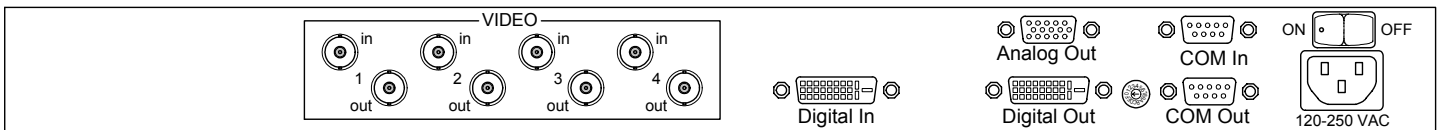
Avitech's high-resolution virtual monitor wall modules combine to create the premier windowing system on the market today. The Avitech VMWS can be scaled from a minimum configuration of one display with 4 windows to very large systems consisting of up to 480 video windows on 8 displays. A typical system consists of 48 to 96 video windows on 3 to 6 displays. The displays can be front or rear projection, CRT, or Plasma Display Panels.

Each Avitech VCC-4dDVI video module accepts 4 SDI digital video signals. Each VCC-4dDVI output consists of its inputs and any cascaded inputs from previous modules. Each module provides active looping BNC inputs, DVI I/O, and 9-pin serial COM I/O ports.



When connected to an Avitech VCC-C1R controller, VCC-4dDVI 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-4dDVI modules provide simultaneous analog (HD-15) and digital (DVI) outputs compatible with display devices capable of up to 1280X1024 resolutions. The VCC-C1R controller sends graphic elements to the first VCC-4dDVI in a group via the Digital In connection and sends control signals via the COM In RS-485 serial connection. Additional VCC-4dDVI modules are cascaded by connecting the Digital Out and COM Out to the corresponding Digital In 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-4dDVI in the group.

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



Detail – VCC-4dDVI Rear Panel

VCC-4dDVI Specifications (subject to change without notice)

Input	SD Digital Video	Four BNC female	SDI Digital, Active Loop
	Digital	One DVI 29 pin female input	800x600 to 1280x1024
	Communication	One DB-9 female	RS-485
Output	Analog RGB	One DB-15 female	800x600 to 1280x1024
	Digital Visual Interface	One DVI 29 pin female	800x600 to 1280x1024
	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)