

## VCC-4hDVI Video Command Center Module

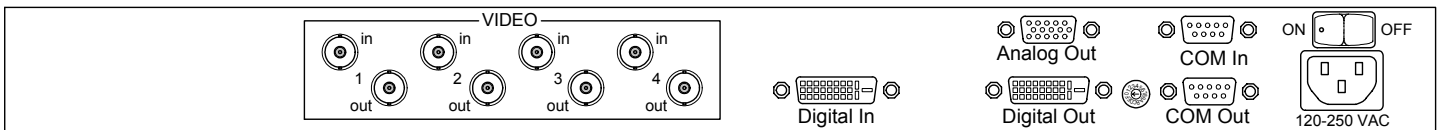
**Avitech's** high-resolution virtual monitor wall modules combine to create the premier windowing system on the market today. The **Avitech VMWS** can be scaled from a minimum configuration of one display with 4 windows to very large systems consisting of up to 480 video windows on 8 displays. A typical 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-4hDVI** video module accepts 4 HDTV (1080i & 720p) SDI digital video signals. Each **VCC-4hDVI** 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-4hDVI** 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-4hDVI** 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-4hDVI** in a group via the **Digital In** connection and sends control signals via the **COM In** RS-485 serial connection. Additional **VCC-4hDVI** 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-4hDVI** in the group.

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



**Detail – VCC-4hDVI Rear Panel**

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

<b>Input</b>	HD Digital Video	Four BNC female	HD-SDI Digital, Active Loop
	Digital	One DVI 29 pin female input	800x600 to 1280x1024
	Communication	One DB-9 female	RS-485
<b>Output</b>	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
<b>Environment</b>		<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)