

## VCC-2vDVI VGA-UXGA Command Center Module

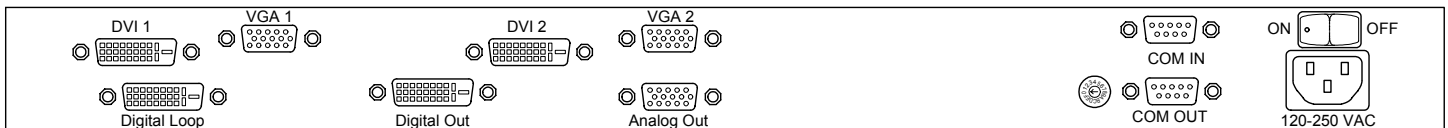
Avitech's high-resolution virtual monitor wall modules combine to create the premier windowing system on the market today. The Virtual MonitorWall System (VMWS) consists of one or more Video Command Center (VCC) modules and Audio Command Center (ACC) modules. The **Avitech VMWS** can be scaled from a 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-2vDVI** VGA module accepts 2 analog or DVI signals ranging from 640X480 (VGA) to 1600X1200 (UXGA) resolutions. Each **VCC- 2vDVI** output consists of its inputs and any cascaded inputs from previous modules. Each module provides a DVI I/O and 9-pin serial COM I/O ports.



When connected to an **Avitech VCC-C1R** controller, **VCC-2vDVI** modules can be cascaded to display many sizeable and scaleable computer windows with text labels, 3D borders, digital clocks, and other graphic elements. The **VCC-2vDVI** modules provide simultaneous analog (HD-15) and digital (DVI) outputs compatible with display devices capable of 1600x1200 resolutions. The VCC-C1R controller sends graphic elements to the first **VCC-2vDVI** in a group via the **Digital Loop** connection and sends control signals via the **COM In** RS-485 serial connection. Additional **VCC-2vDVI** 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-2vDVI** in the group.

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



Detail – VCC-2vDVI Rear Panel

### VCC-2vDVI 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) |
|             | Communication            | One DB-9 female                            | RS-232 or RS-485                             |
| Output      | Analog RGB               | One DB-15 female                           | 1024x768 to 1600x1200                        |
|             | Digital Visual Interface | One DVI 29 pin female                      | 1024x768 to 1600x1200                        |
|             | 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)