

## Orion - Multifunction DVI-D Switch

**Orion - Fiber / CAT5 DVI KVM SwitchFiber**

- Supports DVI-D Video resolution up to 1920 x 1200 single-link
- Configures easily for use as:
  - KVM switch (Single/Dual/Quad-Head)
  - Crosspoint switch
- Access via OSD, serial, or the web
- USB 2.0 device support
- Plug-in modules for use with:
  - CATx Cabling
  - Singlemode Fiber cabling
  - Multimode Fiber cabling
- Supports USB keyboard and mouse

**Features and Benefits**

- Access the system using the OSD, serial interface or the graphical web interface
- Configurable for use as a single, dual, or quad- head KVM switch or a Crosspoint switch
- Up to 16 independent users
- Expandable to allow connection to 1024 computers
- KVM switch mode can be set to a special mode allowing the screen contents to be displayed on one or more additional screens
- In the KVM Switch Mode, CPU and CON Ports can be configured as USB2.0 Ports.
- The student/teacher configuration allows the screen contents to be switched to or from any connected workstation to another.
- Easy configuration and switching using the convenient on-screen display and menus
- Extends distances up to:
  - 400 feet (140 M) over CATx cable
  - 650 Feet (200M) over multimode fiber (62.5µm)
  - 1,300 feet (400M) over multimode fiber (50µm)
  - 33,000 feet (10KM) over singlemode fiber (9µm)
- Supports DVI-D video (1920 x 1200 @ 60Hz)
- Supports USB keyboard/Mouse
- 16 / 24 Bit auto-switching or 24 Bit color
- LED indicators for power and link status
- Modular design for easy configuration for fiber or CATx cabling
- Dual power supply option
- Optional serial and audio features

**The Orion™ Advantage . . .**

The Orion multifunction DVI KVM Switch is a unique product that offers two operating modes in a single product; a KVM Switch or a Crosspoint switch.

Each operating mode can also be configured to support several different system arrangements. Selecting/switching channels can be done by keyboard commands, serial string commands, or over a graphical web interface.

The Orion interfaces to Rose Electronics DVI CATx or fiber extender family. These extenders offer single, dual, or quad head video, local access and serial/audio options.

Each video source connects to a transmitter and each video display connects to a receiver. The transmitter and receiver model depends upon the application the Orion is set-up for.

As a DVI KVM switch, you can switch:

- 16 user stations to 32 computers (Single-head)
- 8 user stations to 16 computers (Dual-head)
- 4 user stations to 8 computers (Quad-head)

Connect other Orion units to the main unit and you can now have access up to 1024 computers from the user stations.

Select the Crosspoint switch operating mode and each of the input ports can be switched to an output port. This offers the flexibility of switching 1 to 32 DVI signals to 1 to 16 DVI monitors or 16 DVI signals to 32 DVI monitors.

**Bent u geïnteresseerd in een Rose-oplossing? Neem voor advies of productondersteuning contact op met uw contactpersoon van Compricon via tel. +31 (0)492 - 593 000. Wij maken samen met u een passende configuratie.**

## Orion LC - Multifunction DVI KVM Switch

**Orion LC - CAT5 or Fiber DVI KVM Switch**

- Supports DVI Video resolution up to 1920 x 1200 @ 60Hz
- Multifunction device – configures easily for use as:
  - KVM switch
  - Crosspoint switch
  - Multiplex Repeater
- Supports USB keyboard and mouse
- Extend distances up to:
  - 800ft. (120 m) over CAT5,
  - 1350ft. (200 m) over multimode 62.5µ
  - 2600ft. (400 m) over multimode 50µ
  - 66,000ft. (10 km) over singlemode 9µ
- Optional serial and audio

**Features and Benefits**

- Extends distances up to 400 feet (120 M) over CAT5 cable or 33,000 feet (10 km) over fiber cable.
- Supports DVI-D video
- Video resolution up to 1920 x 1200 @ 60Hz
- Supports USB keyboard/Mouse
- Selectable operating modes for modifying the unit to perform as a KVM switch, a Crosspoint switch, or a Multiplex repeater.
- The KVM switch mode can be configured as a 7 to 1 KVM switch or a 3 to 1 Dual head KVM switch
- In the Crosspoint switch mode, each port can be configured as an input or output. This allows configuration for 1 input to 7 outputs, 2 x 6, 3 x 5, 4 x 4, 5 x 3, 6 x 2, or 7 inputs to 1 output
- The Multiplex repeater mode allows for a DVI signal source to be extended and distributed. The distribution can be configured for 1 DVI video source to 7 displays, 2 x 3, or 4 DVI sources to 4 displays
- Compatible with all operating systems
- Serial and Audio options
- Rack Mounts kits available for rack mounting in a 19" / 1U rack

**The Orion™ DVI Advantage . . .**

The Orion LC multifunction DVI KVM Switch is a unique product that offers three operating modes in a single product; a KVM Switch, a Crosspoint switch, or a Multiplex repeater.

Each operating mode can also be configured to support several different system arrangements. Simple dip switch settings determine the operating mode for the unit. Selecting / switching channels can be done by keyboard commands, serial string commands, or the front panel push button.

The Orion LC interfaces to Rose Electronics CrystalView DVI CATx extender family. These extenders offer single or dual head video, local access and serial/audio options.

As a DVI KVM switch, you can switch up to 7 computers to one user station or 3 Dual head computers to one user station. Connect a second stage to the unit and you now have access to 49 computers from one user station (9 Dual head computers).

Select the Crosspoint switch operating mode and each of the eight ports can be used as an input or an output. This offers the flexibility of switching 1 to 7 DVI inputs to 1 to 7 DVI outputs. An example of this flexibility is to connect three surveillance cameras to three input ports and five monitors to five output ports.

Setting the operating mode to the Multiplex Repeater mode gives you the flexibility of extending and distributing 1 to 4 video sources to 1 to 4 video displays. Any combination of sources to displays that total 4 can be configured. (1 to 7, 2 to 3, or 4 to 4)

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