Orion XTender Dual-Head Video Card
(Addendum to the Orion XTender User Manual)

Product Overview

The DVI dual-head video card can be installed in any of the Orion XTender transmitter or receiver chassis to provide a DVI dual-head video extension over a single CATx or duplex LC fiber cable.

The DVI dual-head video card uses a standard DMS-59 pin DVI connector. The interface to this connector is a special “Y” cable that has a DMS-59 (M) connector at one end, and 2 x DVID (29 pin) connectors at the other end. The cable is approx 1ft (0.3 meters) long.

The dual-head video card supports 2 DVI monitors, DVI-D single-link (dual-head up to 1920 x 1200 each port) and also 2 x USB-HID ports for keyboard and mouse operation.

One DMS59 “Y” cable is included with each card.

Transmitter Card

1. Service port
2. Connect to interconnect cable (CATx or fiber)
3. To CPU for USB-HID
4. To CPU for DVI video (DMS59 connector)

Receiver Card

1. Service port
2. Connect to interconnect cable (CATx or fiber)
3. Connect to USB-HID devices
4. Connect to monitor(s), (DMS59 connector)

DMS59 “Y” cable (sample only). 1 x DMS59 to 2x DVI-D

Functional diagram, DVI dual-head single-link video

Rose part numbers (CATx, 2-card chassis) – TX: OT2-SLDTXUSL1 RX: OR2-SRDXTXUSL1

Rose part numbers (Fiber, 2-card chassis) – TX: OT2-SLDFSUSL1 RX: OR2-SRDDFSUSL1