

DSR800

KVM OVER IP™ Switching Solution

FEATURES AND BENEFITS

- **All CAT 5 Cabling.** Reduces cable volume in the rack.
- **DSRIQ.** CAT 5-designed cable provides optimal digital display resolution and video settings. Eases installation and configuration by assigning and retaining unique server identification codes for each attached server.
- **Flash Upgrades.** Convenient, one-click flash upgrades for fast and easy updates for all connected firmware.
- **Access.** Real-time access to PS/2, Sun and USB server platforms and VT100 serial-based devices via browser-based or client-based software.
- **Connectivity.** Combines analogue and digital connectivity for at the rack access or access from anywhere across the globe.
- **DS Management Software.** DSView provides point-and-click access via a standard IP connection. DSWebview provides secure browser-based access to any connected server or serial device. DSAdmin configures topology, permissions and per-device contact information. DSAuth stores the topology, permissions and per-device contact information and performs third party authentication during connection to the DSR800.

Bringing the benefits of IP connectivity to smaller installations with distributed locations

As part of Avocent's DS Series switching system, the 8-port DSR800 enables businesses to easily integrate access and control of lower-density applications with multiple locations. The DSR800 KVM OVER IP™ switch allows IT administrators to conveniently troubleshoot, or even reboot a server, at the rack, from the NOC, from their desk or from any location in the world, using standard TCP/IP connections. Patented OSCAR on-screen GUI provides local access and control and Avocent's DSView management software provides secure IP-based access anywhere, anytime in either a browser or client-based version.

DSR800 supports all major server platforms and provides local and remote access to a wide variety of servers or serial devices. It contains one local port for access at the rack and one digital port for IP access. The DSR800 works with Avocent's DSRIQ CAT 5-designed smart cable for connectivity from the DSR800 to the targeted device.



DSR800 combines remote IP access for distributed locations with Avocent's DSView to provide centralised management

DSR800 SPECIFICATIONS

MECHANICAL

- **Height** 1.75" (4.45 cm)
- **Width** 17.00" (43.18 cm)
- **Depth** 11.00" (27.94 cm)
- **Weight** 8 lbs (3.6 kg) without cables

ENVIRONMENTAL

- **Operating Temp** 32°F (0°C) to 104°F (40°C)
- **Storage Temp** -4°F (-20°C) to 158°F (70°C)
- **Humidity** 10% to 95%, non-condensing

POWER

- **Operating Voltage** 100–240 VAC
- **Power Frequency** 50–60 Hz Auto Sensing
- **Input Power** 40W maximum

SUPPORTED HARDWARE

- **Computers** PS/2, Sun and USB
- **Monitors** VGA, SVGA (XGA, XGA-II with adaptor)
Maximum resolution:
Local Port DSR800, DSR1161 & DSR2161
only: 1600 x 1280 @ 75Hz
Digital Port Maximum: 1280 x 1024 @ 75Hz
- **Peripherals** PS/2 keyboard, PS/2 mouse, IntelliMouse (PS/2 only), IBM Scrollpoint, Logitech Mouseman+, Logitech Marble Plus, Logitech Marble FX and Kensington Expert mouse
- **Other Devices** VT100 serial-based devices

STANDARDS

- **Approved Agency** EN55022 Class A, EN55024, EN6200-3-2, EN6100-3-3, FCC15 Class A, VCCI Class A, IEC950, EN60950, UL 1950 third edition, CSA C22.2 No.950

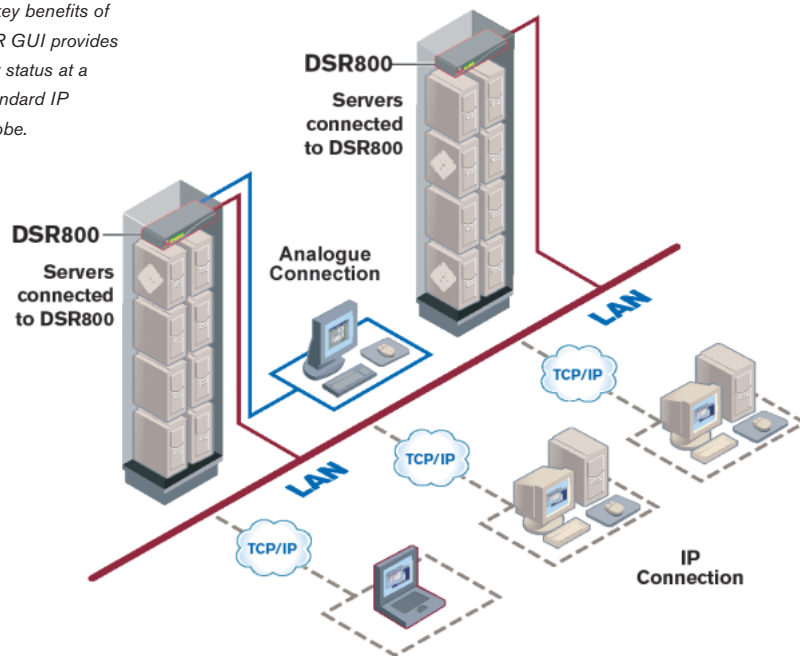
WARRANTY

- **Two Year Warranty**

ORDERING DETAILS

- **DSR800-EU** 1 local user, 1 digital user, 8-port KVM switch
- **DSRIQ-SRL** Server interface module for serial-based devices
- **DSRIQ-PS2** Server interface module for VGA, PS/2 keyboard, PS/2 mouse
- **DSRIQ-USB** Server interface module for VGA, USB keyboard, USB mouse
- **DSRIQ-VSN** Server interface module for VGA, Sun keyboard/mouse
- **DSRIQ-WSN** Server interface module for 13W3, Sun keyboard/mouse
- **DSView software** Sold separately
- **DSAuth software** Sold separately

Convenient access and centralised management are key benefits of DSR800's local and remote IP-based control. OSCAR GUI provides easy access at the rack and the convenience of server status at a glance. DSView offers point-and-click access via a standard IP connection for access from any location across the globe.



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