At SmartAVI, it is our goal to assist each and every client with a cost-effective, powerful solution for their rack structuring needs. Given the examples above, know that our team is ready to assist you with multiple, mixed and customized configurations using our Rack Series technology and products. There is no project too large or small; let SmartAVI help you design your system layout from start to finish.

Rack-DVX200 Specifications

Video Interface	DVI
Resolution	1920 x1200@60H, Resolution up to 1280x1024 min. 75H
Power Supply	Universal Switchmode PSU (90-240V Input) 5VDC
Input Interface	DVI-D (SingleLink)
Upgradable	Onboard Flash
Dimensions	17.063″ L x 3.437″ W x 5.312″ H

Ordering Information

Model	Description
RK-DVX-TX4S	DVI RACK 4 ports Transmitter over STP CAT6
RK-DVX-TX8S	DVI RACK 8 ports Transmitter over STP CAT6
RK-DVX-TX16S	DVI RACK 16 ports Transmitter over STP CAT6
RK-DVX-RX4S	DVI RACK 4 ports Receiver over STP CAT6
RK-DVX-RX8S	DVI RACK 8 ports Receiver over STP CAT6
RK-DVX-RX16S	DVI RACK 16 ports Receiver over STP CAT6

End Point Ordering Information

Model	Description
DVX-RX200	DVX Receiver. DVI Receiver over CAT6 STP cable
DVX-TX200	DVX Transmitter. DVI Transmitter over CAT6 STP cable

Many industry leaders have already embraced SmartAVI's advanced technology and have eagerly implemented our products throughout their organizations. Such companies include:

BOMBARDIER · UNITED STATES POSTAL SERVICE · Miller · Raytheon · Monte Carlo RESORT & CASINO LAS VEGAS · NASA · WARNER HOME VIDEO · DIRECTV · U.S.ARMY · P&G Proctor & Gamble · Adobe · Johnson & Johnson · LOCKHEED MARTIN · Bloomberg

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Rack-DVX200

Multiple-Device Rack Extension and Management Solution

Use CAT6 Cable to Broadcast Up to 16 DVI-D Signals Over 220 Feet Through Single Extension Unit

One box, one power supply, and up to 16 devices extended easily from a rack without the mess or expense of multiple extenders. That is the purpose of SmartAVI's new Rack Series of A/V component management solutions. Rather than buy multiple extenders for your rack components, and having to find power strips or numerous power outlets for the adapters, our Rack Series of extenders allows for up to 16 inputs and 16 outputs (30 feet each way) and one power supply. Say goodbye to a tangled mess of wires and extension cords and hello to a dynamic, smart component management solution.

Rack-DVX200 is a high-resolution video extender system (transmitter and receiver) designed to broadcast high-definition DVI-D signals more than 220 feet using inexpensive CAT6 cabling.

The beauty of our Rack-DVX200 models is that using only one unit, you now have the ability to extend four, 8 or 16 sources more than 220 feet with only one power supply.

Made in the USA

Smart-AVI
SMART AUDIO VIDEO INNOVATION

Features:

- Top Image Quality at all Resolutions
- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz) at all Distances up to Maximum Length
- User-Selectable: DCC Information Used From the Remotely-Located Monitor, From the Local Monitor or From an Internal DDCT Table
- Distances of 220 Feet Plus, Using CAT6 STP Cable
- Compatible With all Operating Systems
- Compatible With all Major KVM Switches
- Multiple Rack Mounting Options

Applications:

- **Call Centers** – Using the Rack-DVX200 makes locating co-workers' computers a snap!
- **Industrial** – Keep delicate computer equipment away from harsh working environments and pollution.
- **Information Terminals and Kiosks**
- **Airports and Mass Transit Stations** – Air traffic control systems, passenger notifications, arrival/departure schedules are made available where you want and how.
- **Medical** – In many medical exam/procedure environments, it is impossible to use monitors and computers in close proximity to various machines that produce intense magnetic fields. The Rack-DVX200 allows easy extension of DVI-D signals, eliminating the challenge of having computer hardware and medical machinery in the same physical space when that is not possible.

Configuration Examples:

Rack-to-End Point

If your company uses a rack of source devices, whether it be computer servers, DVD players or other hardware, Rack-DVX200 allows you to run all of those components into one extension box that can accommodate between four and 16 inputs/outputs on one power supply. The end point in this example would be source signals being routed from a company rack through Rack-DVX200 to multiple display screens/end point monitors.

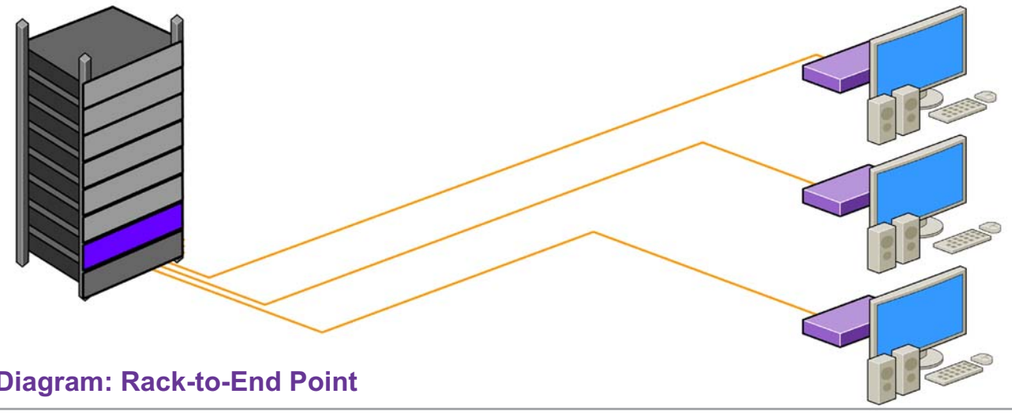

Diagram: Rack-to-End Point

Rack-to-Rack

Companies with multiple source components in one rack, may need to link them to additional servers, receivers, etc. in additional racks within the same building – or perhaps a different location on a campus. Rack-DVX200 is configurable to allow such linking of multiple rack units without the high cost of numerous extenders for every couple of devices. The example pictured here shows how separate racks of components can be linked via one clean, compact extender unit, before being broadcast to any end point display.

Diagram: Rack-to-Rack

End Point-to-Rack

One of the biggest concerns of management in any company is employee productivity. At any given time, your company may be losing money due to employee abuse of Internet access. A perfect example of an end point to rack configuration would be multiple work stations connected to one server for monitoring of computer use by a single user. Of course, work station monitoring also allows for supervisors to see what employees are working on at any given time to evaluate work flow, assist in group projects and help troubleshoot workforce questions from an office or control room.

Diagram: End Point-to-Rack