

## Rack Extender Series



Now Supports  
**FULL HD**  
1080p

# RK-DVS200

## Rack DVI-D Extender

Extend DVI-D Signals to 32 Remote Displays up to 220 Feet Plus 16 Local Monitors With One Unit



**Smart-AVI**  
SMART AUDIO VIDEO INNOVATION

## OVERVIEW

To extend 16 DVI-D devices via a single rack without the mess or expense of multiple extenders, the new RK-DVS200 from SmartAVI is the ideal solution. Rather than buy multiple extenders for your rack components, and having to find power strips or numerous power outlets for the adapters, the RK-Series of extenders allows for up to 16 inputs and 16 outputs (30 feet each way) and one power supply. In the case of our RK-DVS200, that number soars to 32 outputs. Say goodbye to a tangled mess of wires and extension cords and hello to a dynamic and smart component management solution.

## FEATURES

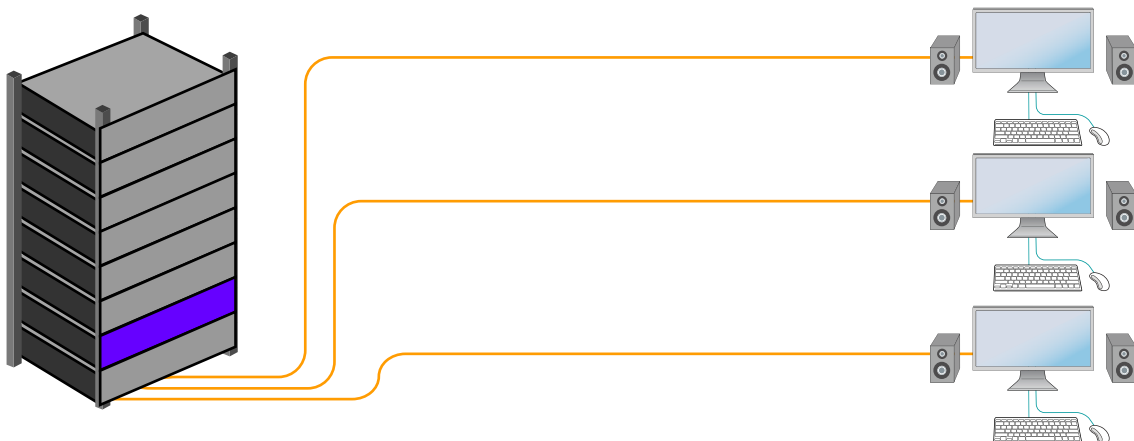
- Top Image Quality at all Resolutions
- Video Resolutions up to 1920 x 1200 @ 60Hz (1280 x 1024 @ 75Hz) at all Distances up to Maximum Length
- User-Selectable: DCC Information Used From the Remotely-Located Monitor, from the Local Monitor or from an Internal DDCT Table
- Distances of 220 Feet Plus, 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** – Keep people informed with digital signage.
- **Airports and Mass Transit Stations** – Air traffic control systems, passenger notifications, arrival/ departure schedules are made available with user friendly control
- **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 RK-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.

## Rack-to-End Point

If your company uses a rack of source devices, whether it be computer servers, DVD players or other hardware, RK-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 RK-DVX200 to multiple display screens/ end point monitors.



## Rack-to-Rack

Companies with multiple source components in one rack, may need to link them to additional servers, receivers, etc. in other racks within the same building – or perhaps a different location on a campus. RK-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.



## 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.



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 RK-Series technology and products. There is no project too large or small; let SmartAVI help you design your system layout from start to finish.

# SPECIFICATIONS




## SPECS

Video	DVI
Resolution	1920x1200@60H, Resolution up to 1280x1024 min. 75H
Power Supply	Universal Switch mode PSU (90-240V Input) 5VDC2A
Input Interface	DVI-D (Single-Link)
Upgradeable	Onboard Flash
Dimensions	17.063" W x 3.437" H x 5.312" D

Part No.	Description
RK-DVS-TX4S	DVI RACK 4 port transmitter with local loop over STP CAT6
RK-DVS-TX8S	DVI RACK 8 port transmitter with local loop over STP CAT6
RK-DVS-TX16S	DVI RACK 16 port transmitter with local loop over STP CAT6
DVX-RX200	DVX Receiver over CAT6 STP cable

Many leading companies have recognized and embraced the innovation of SmartAVI's technologies and have successfully incorporated them into their organizations. Users of SmartAVI include:



 Designed and Manufactured in the USA

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