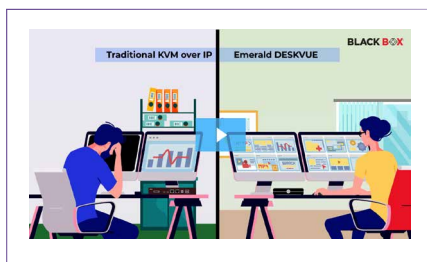# BLACK BOX®

Emerald DESKVUE and AV Wall

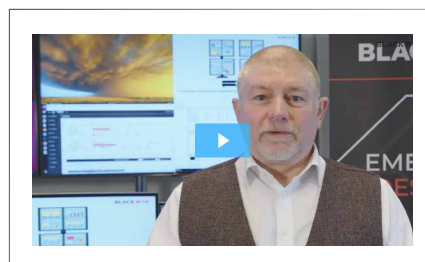## Introducing Emerald DESKVUE: Revolutionizing KVM over IP

Emerald® DESKVUE revolutionizes the KVM over IP experience, enabling users to seamlessly interact with up to 16 different systems at once. It's perfect for diverse work needs like IPTV, live feeds, critical infrastructure conrol and more. Compatible with various connections, including physical systems, virtual machines, and standard video sources, cloud applications, H.264/H.265 video sources. DESKVUE is operator-centric, versatile, and robust.

Part of the Emerald KVM family and Boxilla® KVM Manager, the DESKVUE receiver allows for a customized setup. Connect a single keyboard, mouse, audio, and up to four 4K monitors (with one 5K-capable) to design your ideal workspace. Enjoy intuitive interaction and superior control with easily adjustable layouts and movable windows, ensuring a personalized, efficient, and fully controlled workspace experience.

Click on the video previews images below to get a demo of Emerald DESKVUE:

Video: What makes Emerald DESKVUE Different from traditional KVM ▶

Video: Emerald DESKVUE System Demo ▶

! Click here to learn more about the **Emerald KVM over IP System** ▶

Highlights

Interact with up to 16 systems simultaneously
Connect to physical systems via Emerald transmitters, and Virtual Machines using RDP, PCoIP (Ultra), H.264/5, and VNC.

Tailor your individual workspace
Freely place and size your systems across up to four monitors; view and interact with them in the most efficient way.

4K/5K multiview video resolutions
Attach up to four (maximum of one 5K screen) HDMI™ screens with resolutions up to 5120 x 1440, or work with the latest ultra-wide curved monitors.

Highly secure KVM over IP
Fully integrates with Emerald KVM over IP and the Boxilla KVM manager for device configuration, monitoring, and authentication.

Design follows user needs
Silent operation and an extremely small footprint combined with various mounting options ensure a clean, well-organized workspace.

Introducing Emerald®AV WALL

Modern workflow applications are looking into a better collaboration by adding video walls that easily allow a group of users to discuss shared content. Managing and interfacing a KVM and a separate video wall system often created some challenges for the system administrators and a learning curve for the users.

EmeraldAV WALL is a new software-based solution incorporated into DESKVUE, making it easy to display a single source from an Emerald system on a video wall for viewing by a larger group. Any Emerald user can connect and take control over the target source and share the result again with the group. EmeraldAV WALL directly supports a 2x2 video wall while allowing for the expansion in the number of supported monitors through additional units. Fully integrated with the Boxilla® KVM/AV manager, administrators receive one convenient tool to configure and monitor the KVM system same as the video wall.

Emerald KVM unites with AV
Seamless video wall integration with the Emerald KVM over IP system - Ideal addition for Emerald DESKVUE power user desktops

Improved Collaboration
Send a single source content to a 2x2 video wall and discuss with a larger group in the room

Improved Sharing
Any Emerald user can connect and take control over the target source and share the result

Easily expandable
Add further displays by adding additional EmeraldAV WALL units

Reduced Complexity
Features a small form factor design and is fully controlled through Boxilla as a single KVM/AV Manager.

Compatibility
Supports also non KVM-Environments

Application Diagram

Emerald KVM over IP System

Keyboard   Mouse

Virtual Machines

Physical Machines

IP

Emerald Transmitter

Emerald DESKVUE
with AV WALL

LEARN MORE   BLACKBOX.COM/DESKVUE