

AVOIP TECHNOLOGY AT WORK

# AVOIP

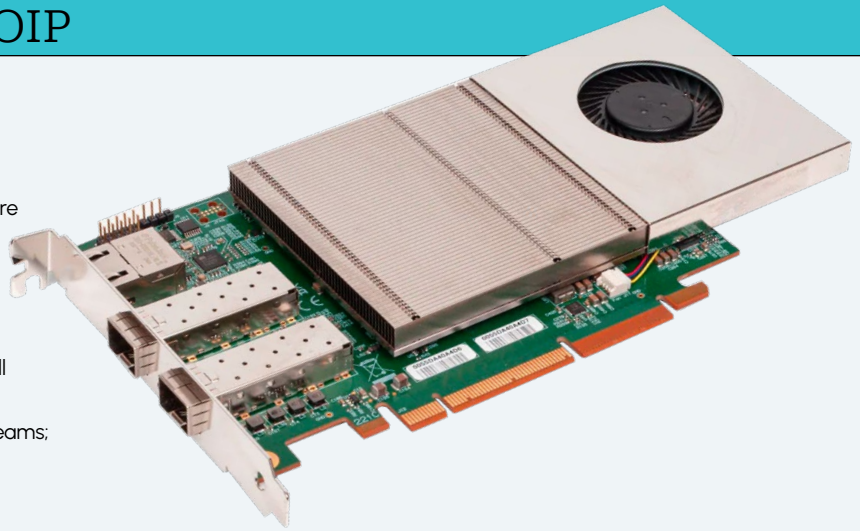
Including

**Aurora Multimedia / Black Box / Cleerline / Datapath / DViGear  
Just Add Power / Matrox Video / NETGEAR / TD SYNEX**



## Datapath Aetria/VisionSC-A2

Datapath introduced the VisionSC-A2 capture card to its range for a more streamlined image capture process, extending the Aligo AVoIP solution by providing cost-effective capture of Aligo streams from an Aetria network directly into a workstation or video wall controller. With two 10G channels on each card, the VisionSC-A2 provides high-density capture for multi-screen operator workstations or a shared large-scale video wall surface. Each channel can capture a single 4K or up to four HD streams, allowing a single VisionSC-A2 card to capture two visually lossless 4K streams; or up to eight separate HD streams.



## Black Box MXC G2

MCX G2 is the next-generation AV-over-IP solution from Black Box. As a Software Defined Video over Ethernet (SDVoE) enabled solution, MCX utilizes the capabilities of commonplace modern network infrastructures to deliver up to 4K 60 Hz video and audio over IP without latency or compression. Because MCX is an IP-based solution, it can manage an infinite number of connected devices. This makes it perfect for a wide range of applications, such as bars and restaurants, enterprise applications, control rooms and operations centers, digital signage, receptions and entryways, conference rooms and boardrooms, education, and more.



## Matrox Avio 2

At IBC, Matrox brought a tech preview of Avio 2, the world's first open standards-based IPMX/ST 2110 IP KVM extender. The newest addition to Matrox Video's popular IP KVM product line, the Avio 2 supports up to 4K60 4:4:4 resolution, delivering real-time remote performance without compromise. In the tech demo, the company described it as a significant advancement in IP KVM technology, embracing open standards to increase quality, interoperability, and flexibility. Uniting audio, video, and USB control over IP in an industry-standard format unlocks new possibilities for workflows in pro AV/IT, medical, broadcast, and high-quality media production, and supplies a foundational platform for future changes or expansions of a system design. Avio 2 integrates with existing infrastructure and scales efficiently for installations of any size. Enabling secure, real-time KVM-over-IP extension and switching over 1GbE, and supporting uncompressed 4K 4:4:4 over 10GbE networks, the Avio 2 IP KVM extender is suitable for the most demanding applications, such as handling of detailed content that requires high-color fidelity and image quality. It supports multiple codecs, including JPEG XS. As part of the IPMX standard, Avio 2 supports NMOS, an open

API for device discovery and connection management, facilitating signal routing and control via third-party systems in broadcast and live events workflows.



## Just Add Power MC-QX

The new MC-QX MaxColor 4K60 Tiling and Warping Transmitter is the latest addition to the MaxColor™ family of video-over-IP products. The MC-QX combines the company's MaxColor technology, 4K network video tiler, and Warp Engine technology. It allows 4K60 source devices to be displayed on a single screen instantly along with source rotation capabilities. Users can simultaneously watch up to four 4K60 video sources in multiple formats, including single-screen, video wall, or tiled video. With the MC-QX warping capability, installers can rotate any source image in a Just Add Power Matrix — cable boxes, media players, game systems, cameras, and more — in 0.1-degree increments in real time with low latency. The rotated image can then be sent to an unlimited number of receivers in the network, allowing for the creation of massive artistic video walls using a single MC-QX. With this new transmitter, Just Add Power offers an all-in-one solution that can support a range of applications, such as a dynamic multiview sports environment, supporting a vibrant casino environment, or showcasing a monumental piece of digital artwork.

