



ADVANCED AV DISTRIBUTION AND CONTROL FOR MODERN NETWORKS

MCX is the next-generation AV-over-IP solution from Black Box. MCX distributes 4K 60 Hz video and audio over IP and is made for modern network infrastructures. This robust video distribution system allows AV and data payloads to exist on the same IT network, which reduces network management time and costs. MCX is also the first commercially available AV-over-IP system to incorporate Dante® audio transport.

MCX delivers the video quality high-end AV applications require to display eye-catching content: It extends up to 4K 60 Hz 4:4:4 video to an unlimited number of displays without sacrificing latency, video quality or bandwidth. Even better, it supports up to 10-bit HDR using Software-Defined Video over Ethernet (SDVoE™) – the latest software-based AV-over-IP platform for extension and control of AV systems on Ethernet or fibre networks.



DELIVERS UP TO 4K 60 HZ 4:4:4 VIDEO

Extend up to 4K 60 Hz 4:4:4 video to an unlimited number of displays without sacrificing latency, video quality or bandwidth.

ZERO SOURCE TO DISPLAY LATENCY

Overcome source to display latency with glass-to-glass encoding and decoding that happens in real time (0.03 milliseconds).

SEAMLESS SWITCHING

Switch between video sources in less than 100 milliseconds with no artifacts or screen blink

ADVANCED VIDEO WALL CAPABILITIES

Increase versatility in video wall deployments with advanced video scaling options, such as multi-view, picture-in-picture, split screen and more.

COMPLETE CONTROL

Control your entire audio/video system from your preferred web browser with the MCX Web UI.

FLEXIBLE DEPLOYMENT

Deploy on 10G networks over Ethernet, fibre or both.

COMPREHENSIVE CONNECTIVITY

Connect to your MCX through its variety of ports: discrete RS-232, IR, secondary audio channel plus a separate 1-GbE connection.

DEVELOPED WITH THE LATEST TECHNOLOGY

SDVoE distributes AV without negatively affecting performance, functionality or capability. And MCX is the first commercially available AV-over-IP solution to incorporate Dante audio transport.

MCX Product Family Comparison Chart

	Input Type	Connectivity	SDVoE 4K 60 Hz	Scaling	Dante® Audio	USB
MCX-S7-DEC	HDMI 2.0	10-GbE Copper	Yes	No	No	No
MCX-S7-ENC						
MCX-S7-F0-DEC	HDMI 2.0	10-GbE Fibre	Yes	No	No	No
MCX-S7-F0-ENC						
MCX-S9C-DEC	HDMI 2.0	10-GbE Copper	Yes	Yes	No	No
MCX-S9C-ENC						
MCX-S9-DEC	HDMI 2.0, DP1.2a	10-GbE Copper or Fibre	Yes	Yes	No	Yes
MCX-S9-ENC						
MCX-S9D-ENC	HDMI 2.0, DP1.2a	10-GbE Copper or Fibre	Yes	Yes	Yes	Yes

