



BLACK BOX



ZERO LATENCY NETWORK AV AND VIDEO WALL CONTROL DESIGNED FOR ESPORTS ENVIRONMENTS

From esports arenas to gaming lounges and bars, Black Box network AV solutions are designed to provide the high-performance visualisation and control needed to put gamers and fans in the middle of the action. Black Box has the technology you need to build attention-grabbing spaces for spectators while providing the advanced capabilities to make it run seamlessly.

MCX is the next-generation AV-over-IP solution that distributes 4K 60 Hz video and audio over IP and is designed for modern, 10G network infrastructures. This robust video distribution system delivers the video quality high-end AV applications require to display eye-catching content.

MCX 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.



MCX-S7

MCX-S9

MCX-S9C

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-FO-DEC	HDMI 2.0	10-GbE Fibre	Yes	No	No	No
MCX-S7-FO-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

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

The MCX Controller lets you manage and monitor AV content with ease.

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.

USB 2.0 OVER IP

USB support for audio, webcam, Flash drive, keyboard and mouse.

DEVELOPED WITH THE LATEST TECHNOLOGY

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

