

More Than Just I/O



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matrox MXO2 Mini



matrox MXO2 LE



matrox MXO2



matrox MXO2 Rack

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Digital Video Solutions

Product Selection Table – Matrox I/O Devices

	MXO2 Mini	MXO2 LE	MXO2	MXO2 Rack
Video Inputs				
Component HD/SD	Yes	Yes	Yes	Yes
SDI HD/SD	No	Yes	Yes	Yes
Y/C	Yes	Yes	Yes	Yes
Composite	Yes	Yes	Yes	Yes
HDMI	Yes	Yes	Yes	Yes
Audio Inputs				
RCA Audio (unbalanced)	2 channels	2 channels	2 channels	No
XLR Audio (balanced)	No	2 channels	2 channels	4 channels
AES/EBU (unbalanced)	No	No	2 channels	4 channels
Embedded SDI audio (16 channels on Mac, 8 channels on PC)	No	Yes	Yes	Yes
Embedded HDMI audio (8 channels)	Yes	Yes	Yes	Yes
Video Outputs				
Component HD/SD	Yes	Yes	Yes	Yes
SDI HD/SD	No	Yes	Yes	Yes
Y/C	Yes	Yes	Yes	Yes
Composite	Yes	Yes	Yes	Yes
HDMI	Yes	Yes	Yes	Yes
Audio Outputs				
RCA audio	2 channels	2 channels	6 channels	No
XLR Audio (balanced)	No	2 channels	4 channels	8 channels
AES/EBU (unbalanced)	No	No	2 channels	4 channels
Embedded SDI audio (16 channels on Mac, 8 channels on PC)	No	Yes	Yes	Yes
Embedded HDMI audio (8 channels)	Yes	Yes	Yes	Yes
Direct surround sound monitoring	No	No	5.1	5.1 and 7.1
Hardware scaling				
Hardware downscaling	Yes	Yes	Yes	Yes
Hardware upscaling	Mac only for now	Mac only for now	Mac only for now	Mac only for now
Cross conversions	Mac only for now	Mac only for now	Mac only for now	Mac only for now
Aspect ratio conversions				
Anamorphic	Yes	Yes	Yes	Yes
Letterbox	Yes	Yes	Yes	Yes
Center cut	Mac only	Mac only	Mac only	Mac only
General				
PC and Mac support	Yes	Yes	Yes	Yes
Also available with Matrox MAX H.264 encoding acceleration	Yes	Yes	Yes	Yes
Portable (external box)	Yes	Yes	Yes	rackmount
Runs off field battery	No	Yes	Yes	No
Laptop support	Yes	Yes	Yes	Yes
Final Cut Studio support	Yes	Yes	Yes	Yes
Adobe CS4 Production Premium support	Yes	Yes	Yes	Yes
Genlock with phase timing	No	Yes	Yes	w/loop through
10-bit support	Yes	Yes	Yes	Yes
HDMI monitor calibration utility	Yes	Yes	Yes	Yes
Scrub/pause modes	Yes	Yes	Yes	Yes
Proc amp controls on input	Mac only	Mac only	Mac only	Mac only
Open codec support	Yes	Yes	Yes	Yes
WYSIWYG video output for motion graphics, animation, and compositing applications	Yes	Yes	Yes	Yes
Matrox A/V Tools capture/playback app for PC	Yes	Yes	Yes	Yes
Matrox Vutura playback app for Mac	Yes	Yes	Yes	Yes
Extra features for Final Cut Studio				
Dynamic RT acceleration	Yes	Yes	Yes	Yes
DVCPRO HD acceleration	Yes	Yes	Yes	Yes
HDV acceleration	Yes	Yes	Yes	Yes
RS-422 device control	No	Yes	Yes	Yes
NTSC closed captioning support	Yes	Yes	Yes	Yes
HD-SDI closed captioning support via Matrox 4VANC	No	Yes	Yes	Yes
HD-SDI AFD (active format descriptor) support via Matrox 4VANC	No	Yes	Yes	Yes