

DVI Signal Converters

Analog RGB to DVI Converter
SD-SDI to DVI Converter
HD-SDI to DVI Converter

Black Diamond Video has created a complete DVI architecture for high-resolution video signal processing, including long-distance DVI copper cabling, DVI matrix switching with image processing, and DVI signal converters.

Black Diamond Video's DVI Converters improve signal quality, eliminating analog cabling problems. DVI Converters allow customers to use their RGB, SD-SDI or HD-SDI video source today with the ability to upgrade to DVI in the future at their own pace.

Phantom-powered and externally-powered options are available for all DVI Converter models.



Markets

Command and Control
Audio Visual
Security
Large Venue

Simulation and Training
Education
Medical Imaging
Military



DVI Signal Converters

Analog RGB to DVI Converter
SD-SDI to DVI Converter
HD-SDI to DVI Converter

Specifications

RGB to DVI Converter

Video Format	RGB, RGH/H, RGB/HV
Video Resolution	I/O rates 1920x 1200 (25-165MHz)
Image Control	Contrast, Brightness, Modulus, Phase
Power	A/C 90/240VAC, 47-63Hz, +5VDC, 500mA. 2.5W
Temperature	0-55 degrees C
Dimensions	2.75"W x 3"L x 1.124"H



SD to DVI Converter

Video Format	NTSC, PAL SECAM
Video Resolution	480i/576i
Image Control	Contrast, Brightness, Saturation, Hue
Power	A/C 90/240VAC, 47-63Hz, +5VDC, 500mA. 2.5W
Temperature	0-55 degrees C
Dimensions	2.75"W x 3"L x 1.124"H



HD/SDI to DVI Converter

Video Format	292M, 259M, 296M, 344M
Video Resolution	I/O rates to 1920x1080i
Power	A/C 90/240VAC, 47-63Hz, +5VDC, 500mA. 2.5W
Temperature	0-55 degrees C
Dimensions	2.75"W x 3"L x 1.124"H



DVI Converters are intended for use with BDV matrix switches and processors.

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