

Blackmagic Micro Converters

The world's smallest USB powered broadcast converters!



Blackmagic Micro Converters are incredibly tiny broadcast quality video converters that let you convert from SDI to HDMI, and from HDMI to SDI. The rugged, miniaturized design of Blackmagic Micro Converters makes them small enough to be used anywhere and conveniently hidden out of sight! You get HDMI and professional 3G-SDI connections for working with all SD and HD formats up to 1080p60, along with power over USB, so they can be powered by big screen televisions or laptop computers without having to plug them into the wall! Blackmagic Micro Converters can be purchased with or without an external AC power supply so you can choose the model that fits your needs!

[Find Reseller](#)

Introducing Micro Converter BiDirectional SDI/HDMI

Simultaneously convert SDI to HDMI and HDMI to SDI in any SD or HD format all at the same time!



Micro Converter BiDirectional SDI/HDMI is the world's smallest broadcast quality bidirectional video converter! Now you can simultaneously convert SDI to HDMI and HDMI to SDI in any combination of SD and HD formats up to 1080p60 at the same time! Each conversion direction can be a different SD or HD video standard, so it's like getting two converters in one! The multi-rate 3G-SDI input and output connections are compatible with virtually all professional broadcast equipment, including Level A and B devices. It even automatically detects all SD and HD formats! The strong metal design is perfect for live production and broadcast. Plus, it's small enough to be hidden and used anywhere. It can even be powered via USB!

Use Anywhere

Pocket sized broadcast quality converters!

Blackmagic Micro Converters are so small you can use them anywhere! Whether you're carrying one in your laptop bag or in your outside broadcast van and road cases, they're professional, broadcast quality converters that can be easily hidden so the audience never sees them. They're perfect for use on set in broadcast news, at live events that have screens and cameras all around, or even in episodic television shows feeding big screen televisions that are part of the set!



Use your HDMI camera with an SDI monitor on set!



Power Micro Converter from your laptop's USB.



Turn your HDMI television into an SDI monitor!



Miniaturized Design

Professional broadcast converters

Unlike other small SDI converters, Blackmagic Micro Converters feature the highest quality broadcast technology, miniaturized into a proper metal enclosure so you get a professional design you can trust! You get full size professional 3G-SDI connections, HDMI and more. The converters include two LED status indicators to confirm power and video signal. Blackmagic Micro Converters include a USB connection for power. That means you can power it from from any USB connection on a television or a laptop computer. You can also buy Blackmagic Micro Converters with an AC power supply that includes 4 different AC socket adapters for plugging it into outlets.



Broadcast Quality

Big converter quality, miniaturized!

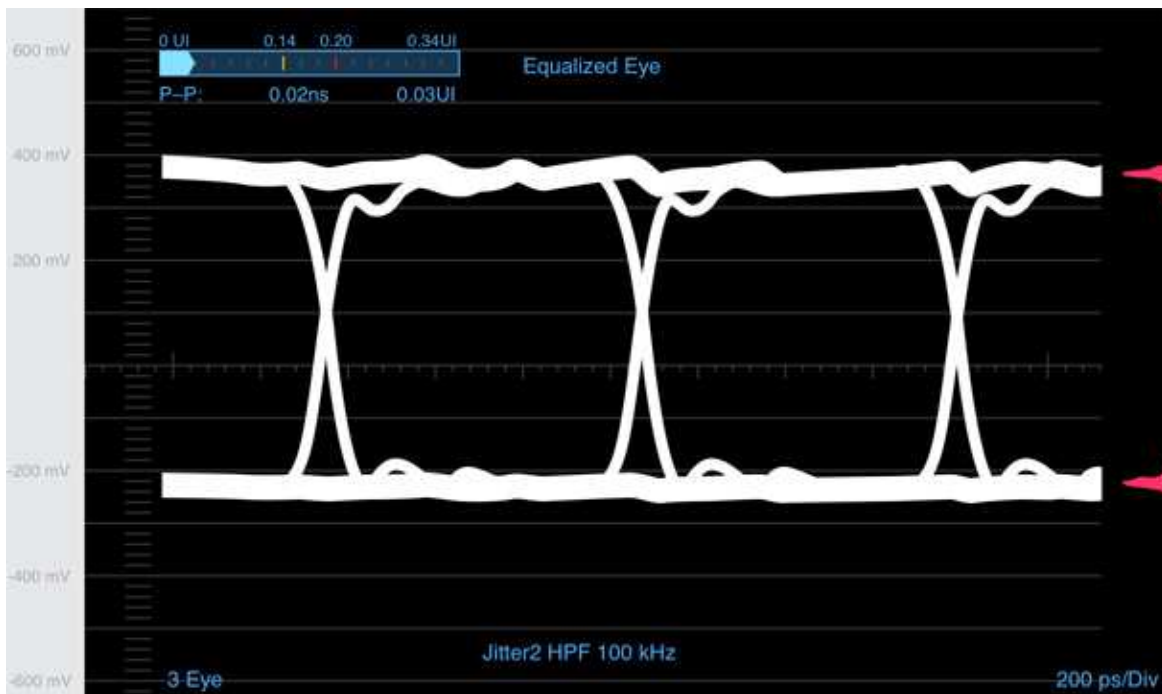
Whether you're working in SD or HD, Micro Converters feature the same broadcast quality 10-bit video processing found in full size converters, so you always get professional industrial strength SDI signals. Blackmagic Micro Converters work with 8 and 10-bit broadcast quality video in all SD and HD formats up to 1080p60. Full support is included for embedded audio and closed captioning. With Blackmagic Micro Converters, you get a truly professional converter that's perfectly suited for high end broadcast applications.

Video Session					
Input:	SDI Input 1A	Signal:	Locked	Colorimetry:	BT709
Effective:	Auto 1080I 59.94 - HD SDI 422 - 292M 1.485/M Gbps				
Selected:	Auto Format - Auto Structure - Auto Transport				
352M Payload:	85h 06h 00h 01h				
SAV Place Err:	OK	Y Stuck Bits:	-----		
Field Length Err:	OK	C Stuck Bits:	-----		
Line Length Err:	OK	AP CRC:	6677h	9080h	
Line Number Err:	OK	CRC Changed since reset:	Yes		
Ancillary Data:	Y and C Present				
Statistics	Status	Err Secs	Err Fields	% Err Fields	
RGB Gamut Error	OK	0	0	0.0000 %	
Cmpst Gamut Error	OK	0	0	0.0000 %	
Luma Gamut Error	OK	0	0	0.0000 %	
Y Chan CRC Error	OK	1	5	0.0512 %	
C Chan CRC Error	OK	1	5	0.0512 %	
Y Anc Checksum Error	OK	0	0	0.0000 %	
C Anc Checksum Error	OK	1	6	0.0614 %	
Black Events: 0		Frozen Events: 42			
Changed since reset: N/A		Run Time: 0 d, 00:03:41			Running
Press "SEL" to reset. Any "arrow key" stops/starts.					

SDI Re-clocking

Perfect for longer SDI cable lengths

Blackmagic Micro Converters include built in SDI re-clocking on the 3G-SDI input. The SDI re-clocking will regenerate the SDI video input, reduce SDI jitter and improve SDI eye pattern before the signal gets to the converter's processing. This allows longer cable lengths because even degraded SDI signals can still be used. Other small, cheap converters often leave out important features such as this, making them unreliable for broadcast use. Blackmagic Micro Converters don't suffer from these problems because they are a true professional design!

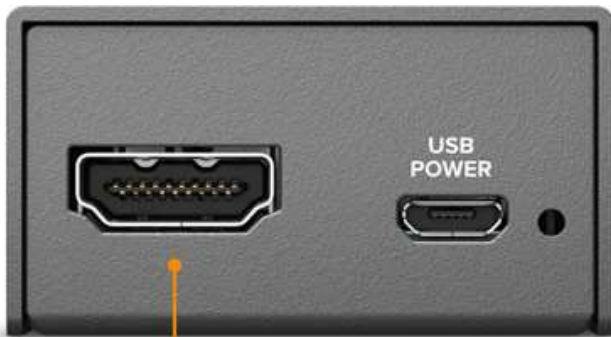


Full Size Connections

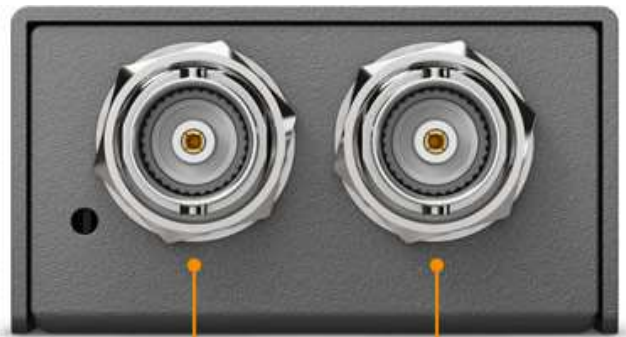
Works with the cables you already have!

Even though they're incredibly small, Blackmagic Micro Converters feature full size 3G-SDI and HDMI connections! The SDI connections are multi-rate, making them compatible with SD and HD-SDI equipment. For maximum compatibility, micro converters support both level A and level B 3G-SDI devices. Micro Converter SDI to HDMI also includes an SDI input loop through connection. Micro Converter HDMI to SDI also includes an SDI input loop through connection. Micro Converter HDMI to SDI features two 3G-SDI outputs, so you can connect it to multiple devices such as switchers, routers, monitors and more!

Blackmagic Micro Converter HDMI to SDI



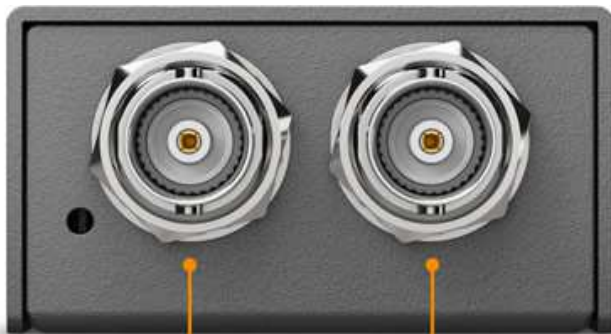
HDMI In



SDI Out

SDI Out

Blackmagic Micro Converter SDI to HDMI



SDI In

SDI Loop Out



HDMI Out

USB or DC Power

Power via USB or optional power supply!

Blackmagic Micro Converters are powered via the same micro USB connection that's used on smartphones so you can use any USB device or any smartphone charger to power the converters! You can also purchase Micro Converters with an AC power supply that supports 110 to 240V AC and comes with 4 different AC socket adapters so you can plug them into outlets anywhere in the world. That's perfect for when you're doing international work! You can even use smartphone chargers and rechargeable battery packs to power micro converters on set. With so many easy to use power solutions, you'll never be without a power supply again!





Wide Range of Professional Converters

The Blackmagic Micro Converters are part of a large family of professional converters that include even more advanced models with a massively increased range of features and conversion types.



3G-SDI Mini Converters

Blackmagic Mini Converters are more advanced than micro converters because they include features such as balanced analog and AES/EBU audio, redundant SDI inputs, up/down conversion and 1080PsF24/23.98. There's a range of models for optical fiber, SDI distribution, analog video, embedded audio, and more!



6G-SDI Mini Converters

Get all the Mini Converter features plus 6G-SDI support for all SD, HD and Ultra HD formats up to 2160p30. You also get features such as Ultra HD to HD down conversion. The SDI to HDMI model includes instant lock that allows HDMI displays to stay locked when inputs are switched or connected.



Learn more about **Tech Specs**