EDIUS 7 Support Information for Blackmagic Design NLE Hardware

*Please install Black Magic Design Desktop Video 9.7.x to use the NLE hardware with EDIUS 7 (Desktop Video 10 cannot be used with EDIUS 7)

Function	Deck Link SDI	Deck Link Studio / 2	DeckLink HD Extreme 3D	Deck Link Duo	Deck Link Quad	Deck Link 4K Extreme	Intensity Pro
10-bit depth support	Yes	Yes	Yes	Yes	Yes	Yes	Only in SD format
1080p24 mode*1	Native/PsF	Native/PsF	Native/PsF	Native/PsF	Native/PsF	Native/PsF	-
2K(2048x1556) support	-	-	Yes	-	-	Yes	-
4K support	-	-	-	-	-	Yes	-
TC Input*2	Yes	Yes	Yes	Yes	Yes	Yes	-
TC Output*2	Yes	Yes	Yes	Yes	Yes	Yes	-
Capture with ANC data*3	Yes	Yes	Yes	Yes	Yes	Yes	-
Ancillary Data thru out*3	Yes	Yes	Yes	Yes	Yes	Yes	-
Stereoscopic support	-	-	Yes	-	-	Yes	-
Deck Control Support	-	-	-	-	-	-	-
External REF Input	Yes	Yes	Yes	Yes	Yes	Yes	-
Max Audio ch/bit	8ch / 24bit	8ch / 24bit	16ch / 24bit	8ch/24bit	8ch/24bit	16ch / 24bit	2ch / 24bit
Windows 8 support	Yes	Yes	Yes	Yes	Yes	Yes	Yes

*1 Select either mode in Black Magic Design Control Panel

*2 Timecode may not be able to I/O in several video formats. Please refer to "Supported Format" list for details.

*3 10bit video needs to be selected in project format for ancillary data I/O.

EDIUS 7 Support Information for Blackmagic Design NLE Hardware

Function	Intensity Shuttle for USB 3.0	Intensity Extreme	Ultra Studio SDI	Ultra Studio Pro USB3.0	Ultra Studio Express	Ultra Studio 4K
10-bit depth support	Yes	Only in SD format	Yes	Yes	Yes	Yes
1080p24 mode*1	-	-	Native/PsF	Native/PsF	Native/PsF	Native/PsF
1080p60/50 mode	-	-	-	-	-	-
2K(2048x1556) support	-	-	-	-	-	-
4K support	-	-	-	-	-	Yes
TC Input	-	-	Only in SD format	Yes	Yes	Yes
TC Output	-	-	-	-	Yes	Yes
Capture with ANC data*2	-	-	Yes	Yes	-	Yes
Ancillary Data thru out*2	-	-	-	-	Yes	Yes
Stereoscopic support	-	-	-	-	-	Yes
Deck Control Support	-	-	-	-	-	-
External REF Input	-	-	Yes	Yes	Yes	Yes
Max Audio ch/bit	8ch / 24bit	2ch / 24bit	8ch / 24bit	8ch / 24bit	2ch / 24 bit	16ch / 24bit
Windows 8 support	Yes	Yes	Yes	Yes	Yes	Yes

*1 Select either mode in Black Magic Design Control Panel

*2 10bit video needs to be selected in project format for ancillary data I/O.

EDIUS 7 Support Information for Blackmagic Design NLE Hardware

Function	Ultra Studio Mini Recorder	Ultra Studio Mini Monitor
10-bit depth support	Yes	Yes
1080p24 mode*1	Native/PsF	Native/PsF
1080p60/50 mode	-	-
2K(2048x1556) support	-	-
4K support	-	-
TC Input	Yes	-
TC Output	-	Only SD
Capture with ANC data*2	-	-
Ancillary Data thru out*2	-	Yes
Stereoscopic support	-	-
Deck Control Support	-	-
External REF Input	-	-
Max Audio ch/bit	16ch / 24bit	16ch / 24bit
Windows 8 support	Yes	Yes

*1 Select either mode in Black Magic Design Control Panel

*2 10bit video needs to be selected in project format for ancillary data I/O.

EDIUS 7 Supported Format for Blackmagic Design NLE Hardware

*Please install Black Magic Design Desktop Video 9.7.x to use the NLE hardware with EDIUS 7 (Desktop Video 10 cannot be used with EDIUS 7)

H/W Model Name		Interface	Supported Format	Description
DeckLink SDI	In	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	Time code can't be fed while capturing with 1920x1080p series format.
	Out	SDI		Time code can't be output in 1920x1080p and 1280x720p series format.
DeckLink Studio / 2	In	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i, 720x576/50i	
		HDMI		
		Component		
		S-Video & Composite	720x486/59.94i, 720x576/50i	
	Out	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i	Time code can't be output with 1920x1080p, 1920x1080i and 1280x720p series format.
		Component	1280x720/59.94p, 50p 720x486/59.94i, 720x576/50i	
		HDMI	1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i, 720x576/50i	
		S-Video & Composite	720x486/59.94i, 720x576/50i	
DeckLink HD Extreme 3D / 3D+	In	SDI (2D)	2048x1556/25p, 24p, 23.98p 1920x1080/59.94i, 50i 1920x1080*/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	Time code can't be fed while capturing with 1920x1080p series format.
		SDI (3D)	1920x1080/59.94i, 50i 1280x720/59.94p, 50p	Time code can't be fed while capturing all formats.
		Component	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		HDMI (2D)	720x486/59.94i, 720x576/50i	

H/W Model Name		Interface	Supported Format	Description
DeckLink HD Extreme 3D / 3D+	In	HDMI (3D)	1920x1080/59.94i, 50i 1280x720/59.94p, 50p	
		S-Video & Composite	720x486/59.94i, 720x576/50i	
	Out	SDI (2D)	2048x1556/25p, 24p, 23.98p 1920x1080/59.94i, 50i 1920x1080/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	Audio Ch13-16 cannot be output.
		SDI (3D)	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	Audio Ch13-16 cannot be output. Time code can't be output with all formats.
		HDMI (2D)	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		HDMI (3D)	1920x1080/29.97p, 25p, 24p, 23.98p	
		Component	1920x1080/29.97p, 25p, 24p, 23.98p 720x486/59.94i 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	
		S-Video & Composite	720x486/59.94i, 720x576/50i	
DeckLink Duo	In	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
	Out	SDI		
DeckLink Quad	In	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
	Out	SDI		

H/W Model Name	Interface		Supported Format	Description
DeckLink 4K Extreme	In	SDI (2D)	3840x2160/29.97p*1, 25p, 24p*1, 23.98p*1 1920x1080/59.94p*2, 50p*2, 29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	*1 Only Dual-link connection is supported (6G-SDI is not supported). *2 Time code can't be fed while capturing.
		SDI (3D)	1920x1080/29.97p, 25p, 24p, 23.98p*3 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	*3 Time code can't be fed while capturing.
		HDMI (2D)	3840x2160/29.97p, 25p, 24p, 23.98p	Max audio channel is 2ch.
		HDMI (3D)	Not supported	
		Component	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	
		S-Video & Composite	Not supported	
	Out	SDI (2D)	3840x2160/29.97p 1920x1080/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	Audio Ch13-16 cannot be output.
		SDI (3D)	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	Audio Ch13-16 cannot be output. Time code can't be output with all formats.
		HDMI (2D)	3840x2160/29.97p, 25p, 24p, 23.98p	Max audio channel is 2ch.
		HDMI (3D)	3840x2160/29.97p*4, 25p*4, 24p*4, 23.98p 1920x1080/59.94p*2, 50p*2, 29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	*4 Max audio channel is 2ch.
		Component	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	
		S-Video & Composite	Not supported	

H/W Model Name		Interface	Supported Format	Description
Intensity Pro	In	HDMI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	HD video only supports 8bit depth
		Component	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		S-Video & Composite	720x486/59.94i 720x576/50i	
	Out	HDMI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	HD video only supports 8bit depth
		Component	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		S-Video & Composite	720x486/59.94i 720x576/50i	
Intensity Shuttle for USB 3.0	In	HDMI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 720x486/59.94i 720x576/50i	
		Component	1920x1080/29.97p, 25p, 24p, 23.98p 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		S-Video & Composite	Not supported	
	Out	HDMI	1920x1080/29.97p*1, 25p*2, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	*1 Output as 59.94i video. *2 Output as 50i video.
		Component		
		S-Video & Composite	Not supported	

H/W Model Name		Interface	Supported Format	Description
Intensity Extreme	In	HDMI	1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	HD video only supports 8bit depth
		Component	1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		S-Video & Composite	720x486/59.94i 720x576/50i	
	Out	HDMI	1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	HD video only supports 8bit depth
		Component	1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		S-Video & Composite	720x486/59.94i 720x576/50i	
UltraStudio SDI	In	SDI	1920x1080/59.94i*, 50i* 720x486/59.94i 720x576/50i	*Time code can't be fed.
	Out	SDI	1920x1080/59.94i, 50i 720x486/59.94i 720x576/50i	Time code can't be output.
		HDMI	1920x1080/59.94i, 50i 720x486/59.94i 720x576/50i	Audio channel is inverted.
UltraStudio Pro	In	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		HDMI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		Component		
		S-Video & Composite	720x486/59.94i 720x576/50i	

H/W Model Name		Interface	Supported Format	Description
UltraStudio Pro	Out	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	Time code can't be output
		HDMI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		Component	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		S-Video & Composite	720x486/59.94i 720x576/50i	
UltraStudio Express	In	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		HDMI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		Component		
		S-Video & Composite	720x486/59.94i 720x576/50i	
	Out	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		HDMI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		Component		
		S-Video & Composite	720x486/59.94i 720x576/50i	

H/W Model Name		Interface	Supported Format	Description
UltraStudio 4K	In	SDI (2D)	3840x2160/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1920x1080/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		SDI (3D)	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	
		HDMI (2D)	1920x1080/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		HDMI (3D)	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	
		Component	1920x1080/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		S-Video & Composite	720x486/59.94i 720x576/50i	
	Out	SDI (2D)	3840x2160/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1920x1080/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		SDI (3D)	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	
		HDMI (2D)	1920x1080/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		HDMI (3D)	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p	
		Component	1920x1080/59.94p, 50p, 29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		S-Video & Composite	720x486/59.94i 720x576/50i	

H/W Model Name		Interface	Supported Format	Description
UltraStudio Mini Recorder	In	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
		HDMI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	
UltraStudio Mini Monitor	Out	SDI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	Time code can be output in only SD video.
		HDMI	1920x1080/29.97p, 25p, 24p, 23.98p 1920x1080/59.94i, 50i 1280x720/59.94p, 50p 720x486/59.94i 720x576/50i	