

MSP 331 Family

HDMI 2.0/12G SDI & Dual HDMI2.0 4K@60Hz AV Capture Card



MSP 331U



MSP 331S



MSP 331H

Key Features

- HDMI 2.0 input support HDCP 2.3, backward compatible
- MSP 331S supports 1 × 12G-SDI input (downward compatible)
- MSP 331S supports 12G SDI to HDMI2.0 conversion without delay or image quality loss
- HDMI input support up to RGB 4:4:4 8bit 4K@60Hz, backward compatible with 4K@50Hz, 4K@30Hz, 2K@240Hz
- USB 3.2 interface provides 5Gbps high bandwidth
- Compatible with OBS/Potplayer/VLC/Vmix/Xsplit/Microsoft Teams
- HDR to achieve better color performance and richer detail representation
- Mix for Line in and HDMI audio
- UVC 1.5 and UAC 1.0 standards, compatible with Windows, MacOS and Linux, plug and play
- Dynamic light pipe to display signal status in real time

Specification

Model			MSP 331U	MSP 331S	MSP 331H
Connectors	Input	HDMI 2.0	1 × HDMI-A	1 × HDMI-A	2 × HDMI-A
		12G SDI		1 × BNC	
	Output	HDMI 2.0	1 × HDMI-A (LOOP)	1 × HDMI-A	1 × HDMI-A
	Capture	USB 3.2	1 × USB-C	1 × USB-C	1 × USB-C
	Audio	In Out	1 × 3.5mm Audio Jack 1 × 3.5mm Audio Jack		
Performance	Input Resolution	HDMI 2.0	2160p@23.98/24/25/29.97/30/50/59.94/60 1080p@23.98/24/25/29.97/30/50/59.94/60 1080i@50/59.94/60 720p@50/59.94/60 480p@50 576p@59.94/60		
		SMPTE	2160p@60/59.94/50/30/29.97/24/23.98 1440p@144/60 1080p@240/120/60 720p@60		
		VESA	4096 × 2160@60/59.94/50/30/29.97/24/23.98 3840 × 2160@60/59.94/50/30/29.97/24/23.98 2560 × 1440@144/60 2560 × 1080@60 1920 × 1080@240/120/60 1280 × 720@60		
		12G SDI (331S)			
		SMPTE	2160p@23.98/24/25/29.97/30/50/59.94/60 1080p@23.98/24/25/29.97/30/50/59.94/60 1080i@50/59.94/60 720p@50/59.94/60		
	Output resolution	HDMI 2.0	2160p23.9 1080i50/59.94/60 720p50/59.94/60 480p50 576p59.94/60		
		USB 3.2			
		RGB24	1920 × 1080@60 1280 × 720@60		
		YUY2	3840 × 2160@30/25 2560 × 1440@60 2560 × 1080@60 1920 × 1080@60 1280 × 720@60		
		NV12	3840 × 2160@30 2560 × 1440@60 2560 × 1080@60 1920 × 1080@120/60 1280 × 720@60		
		I420	3840 × 2160@30 2560 × 1440@60 2560 × 1080@60 1920 × 1080@120/60 1280 × 720@60		
		P010	1920 × 1080@60 1280 × 720@60		
		MJPEG	3840 × 2160@60 2560 × 1440@144/60 2560 × 1080@60 1920 × 1080@240/60 1280 × 720@60		
	Video Capture Format	YUY2 RGB24 NV12 I420 P010 MJPEG			
	Color Space	8 bit RGB/YCbCr 4:2:2/4:4:4/2:0; 10 bit RGB/YCbCr 4:2:2			
Audio Bit Depth /Sample Rate	24bit (default) / 48KHz				
Supported Standards	SDI (331S)	12G-SDI			
	HDMI	2.0			
	USB	3.2			
Power	Input Voltage	9V/1.5A			
	Max Power	15W			
Environment	Operation Temperature	0℃～70℃			
Physical	Net Weight	280g			
	Net Dimension	MSP 331U	131mm × 81mm × 24mm		
		MSP 331S	155.2mm × 99.5mm × 29.4mm		
		MSP 331H	139mm × 99.5mm × 29.4mm		

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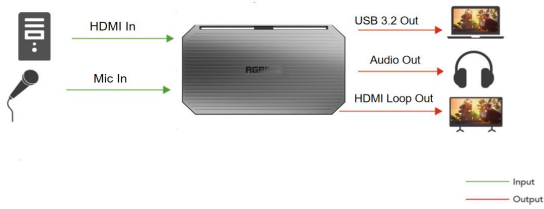
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Application

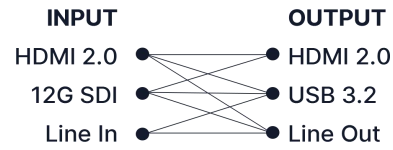
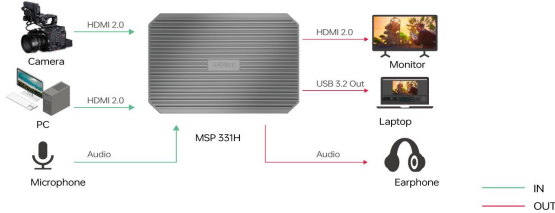
MSP 331U



MSP 331S

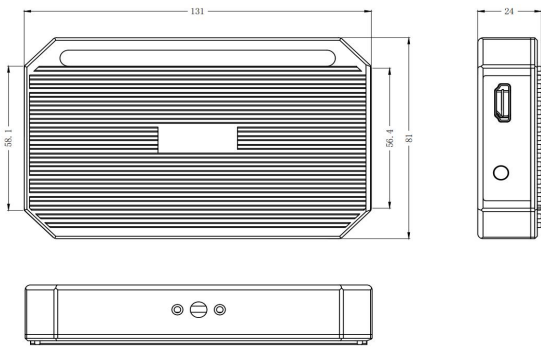


MSP 331H



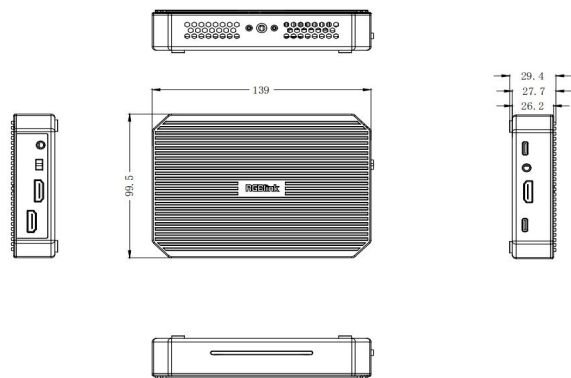
Dimension

MSP 331U



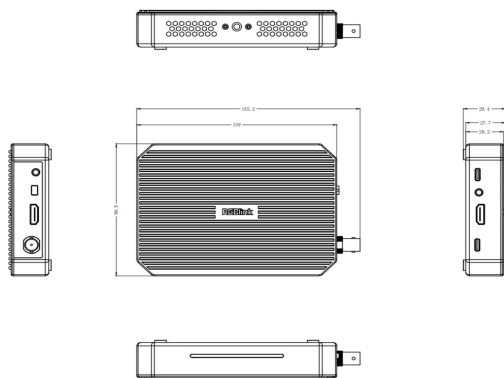
unit:mm

MSP 331H



unit:mm

MSP 331S



unit:mm

Order Codes

Product Code	Item
601-0331-04-0	MSP 331U
601-0331-05-0	MSP 331S
601-0331-06-0	MSP 331H

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