

12G-SDI to HDMI 2.1 Converter Box

SD-7076

NEW

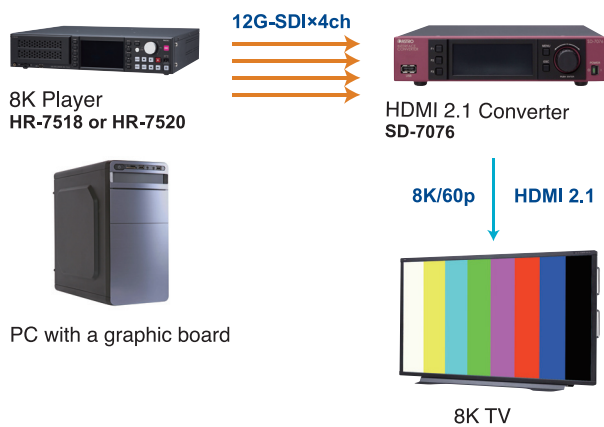


Features

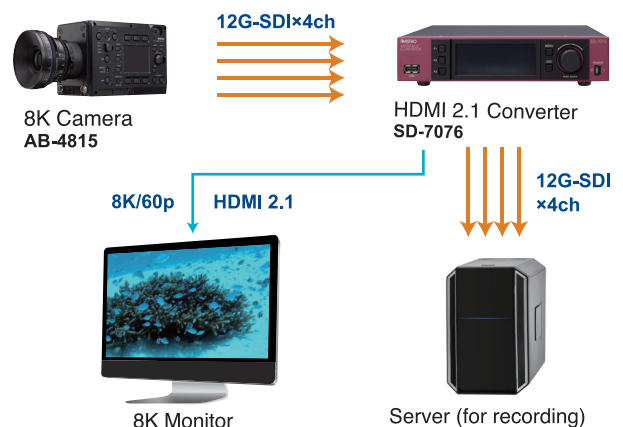
- Converts 12G-SDI×4ch to HDMI 2.1 FRL (8K/60p, 4K/120p, etc.).
- Supports DSC (Display Stream Compression) 1.2.
- Supports HDCP 1.4 and 2.3.
- Simple signal generation function (Color Bar, audio 1kHz -18dB).
- 12G-SDI loop through connection.
- Monitoring function to check error of SDI input and payload ID.
- EDID, SCDC and Link Training status are displayed on the front panel.
- LAN, RS-232C and GPIO (customized base) for external control.

Application

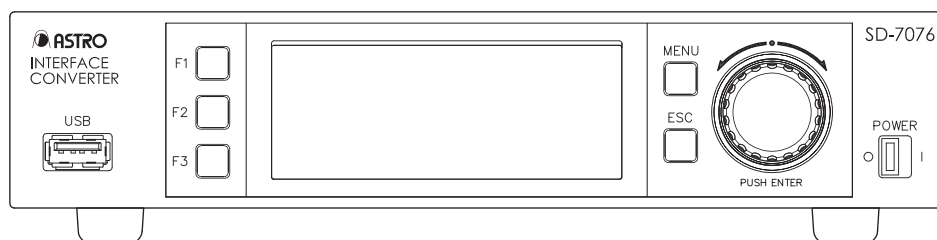
[Interface Conversion]



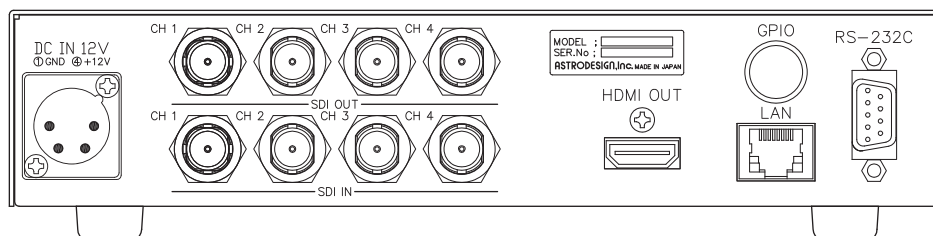
[Splitter in the 8K System]



Front View



Rear View



Input Format

Video

SDI	Link	Resolution	Frame Rate	Colorimetry	Bit
12G	Quad	7680 × 4320	60/59.94/50p	YCbCr 4:2:2	10bit
	Dual	7680 × 4320	30/25/24p		
	Quad	3840 × 2160	120/119.88/100p		
	Dual				

Audio

Channel	Max.32ch
Sampling Frequency	48kHz (24bit Accuracy)

Output Format

Video

DSC	Resolution	Frame Rate	Colorimetry	Bit	FRL Rate						
					12G/4L	10G/4L	8G/4L	6G/4L	6G/3L	3G/3L	
OFF	7680 × 3840	60/59.94/50p	YCbCr 4:2:0	12	●						
				10	●	●					
				8	●	●	●				
		30/25/24p	RGB/YCbCr 4:4:4	12	●						
				10	●	●					
				8	●	●	●				
	3840 × 2160	120/119.88/100p	RGB/YCbCr 4:4:4	12	●						
				10	●	●					
				8	●	●	●				
			YCbCr 4:2:2	12	●	●	●				
				10	●	●	●				
				8	●	●	●	●			
ON	7680 × 4320	60/59.94/50p	RGB/YCbCr 4:4:4	8	●	●	●	●			
				12	●	●	●	●			
				10		●	●	●			
			YCbCr 4:2:0	12		●	●	●			
				10			●	●			
				8			●	●			
	3840 × 2160	120/119.88/100p	RGB/YCbCr 4:4:4	12		●	●	●	●		
				10			●	●	●		
				8				●	●		
			YCbCr 4:2:2	12			●	●	●	●	
				10				●	●	●	
				8					●	●	

Audio

Channel	Max.8ch
Sampling Frequency	48kHz (24bit Accuracy)

General Specifications

Items	Description
Power Requirements	DC 12V
Power Consumption	100W MAX
Dimensions	210 (W) x 44(H) x 350 (D) mm (Excluding Protrusions)
Weight	Approx. 2kg