



MSP 405

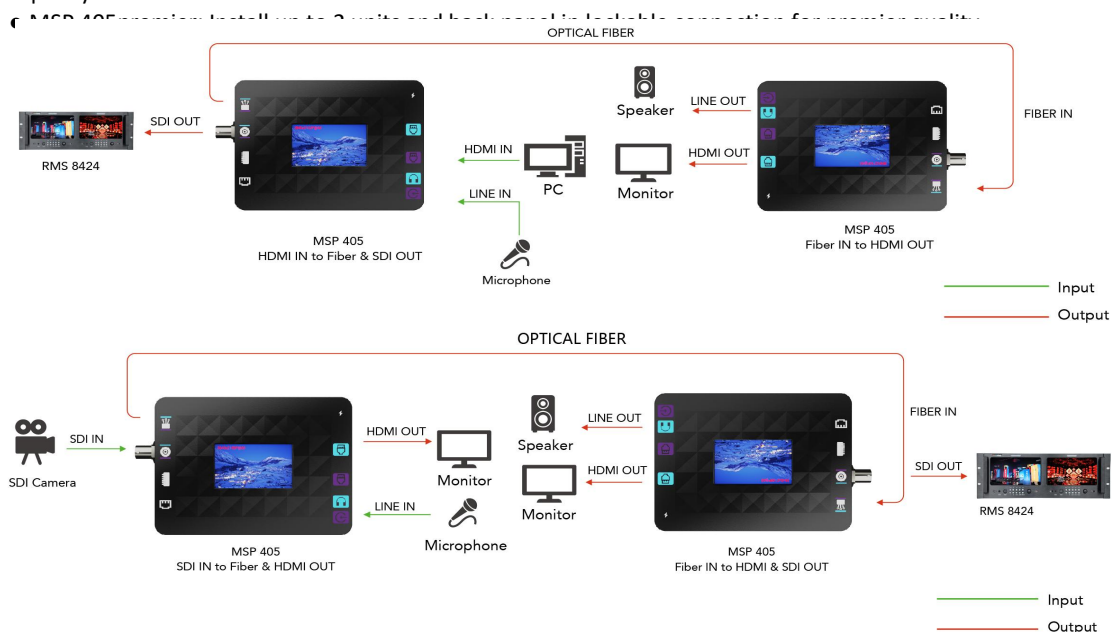
12G-SDI/4K HDMI /Fiber Signal Convertor

MSP 405 is born to be a bi-direction 4K tool for 12G-SDI/4K HDMI/Fiber signal conversion, any signal has its input and output both.

- Firstly, MSP 405 bridges signal connection from any input of 12G SDI, HDMI 2.0 and Fiber, to any of these 3 outputs without image quality loss;
- Secondly, MSP 405 is a scan converter between any of 12G SDI, HDMI 2.0 and Fiber inputs and outputs, up/down and frame rate conversion; It includes adapter cables for DVI/VGA interfaces signal conversion;
- Thirdly, MSP 405 builds in a preview monitor to check the input signal from 12G SDI, HDMI 2.0 or Fiber;
- Forthly, MSP 405 is a Test Pattern generator with standard test pattern built in, and works as a standard signal source with 12G SDI, HDMI 2.0 and Fiber outputs;
- Fifthly, MSP 405 supports analog audio embedded with digital video inputs including 12G SDI, HDMI 2.0 and Fiber and to their outputs;
- Sixly, MSP 405 also de-embedded audio from 12G SDI, HDMI 2.0 and Fiber inputs and output audio to its analog output and all the video outputs are clean video data only.

To meet different application, MSP 405 works not only as a small converter, but also packs with different mechanic accessories.

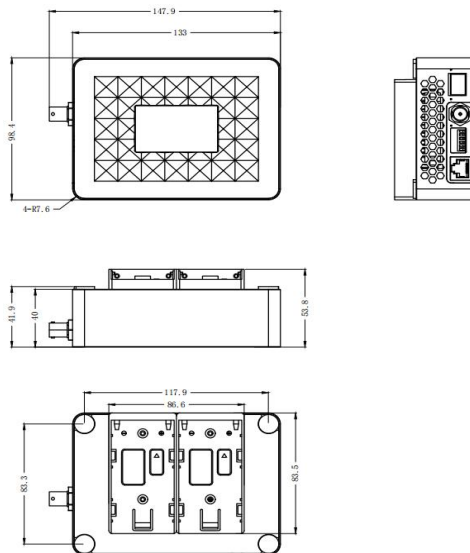
- MSP 405: With battery case for camera battery to clip, and work standalone as a mobile unit.
- MSP 405pro: Install up to 4 units to a 1 unit size rack for installation and with redundant power supply capacity.



Key Features

- Convert SDI signal (SD/HD/3G/6G/12G-SDI) to HDMI 2.0 signal;
support auto format adaptation
- Convert SDI signal (SD/HD/3G/6G/12G-SDI) to fiber signal;
support signal relay for long-distance transmission
- Convert HDMI 2.0 signal to SDI signal (SD/HD/3G/6G/12G-SDI);
support auto format adaptation
- Convert HDMI 2.0 signal to fiber;
support medium to long-distance transmission and auto format adaptation
- Adapter cables for DVI/VGA interfaces signal conversion
- Convert fiber signal to SDI signal (HD/3G/6G/12G-SDI);
support medium to long-distance transmission and auto format adaptation
- Convert fiber signal to HDMI 2.0 signal;
support medium to long-distance transmission and auto format adaptation
- Built-in preview monitor with touch panel for menu operation
- Equipped with battery case^[1] for installing up to two camera batteries^[2]
- Auto Power Switching: When the primary battery's charge is low, it automatically switches to the backup battery
- Standard Test Pattern generator built in for on-site setup
- Audio playback and embedding function
- Upgrade and control via Ethernet interface for system integration

Dimension



Specification

Interface	Input	HDMI	1xHDMI-A
		12G SDI (SD/HD/3G/6GSDI compatible)	1xBNC
		Fiber ^[3]	1xLC
	Output	HDMI	1xHDMI-A
		12G SDI (SD/HD/3G/6GSDI compatible)	1xBNC (multiplex with input)
		Fiber	1xLC
Performance	Audio	Line In	1x3.5mm Audio Socket
		Line Out	1x3.5mm Audio Socket
	Power	Power Supply	1xUSB Type-C Power Jack
	Control	LAN	1xRJ45
		Reset	1xIP Reset Button
		Switch	1xDIP Switch
	Resolution	HDMI/SDI/Fiber	2160p@25/29.97/30/50/59.94/60 1080p@25/29.97/30/50/59.94/60 1080i@50/59.94/60 720p@50/59.94/60
	Standards	HDMI	2.0b
		SDI/Fiber	HD/3G/6G/12G-SDI
		12G-SDI	70m (229.66 feet)
	Transmission Distance (max.)	6G-SDI	100m (328.08 feet)
		3G-SDI	150m (492.13 feet)
		HD-SDI	200m (656.17 feet)
		HDMI	3m (9.84 feet)
	LCD Touch Panel	Size	104.87mm × 72.22mm
		Diaplay Area	52.32mm × 31.392mm (2.4-inch)
Power	Battery Case	Size	86.6mm × 83.5mm
		Compatibility	Fits SN F550/F750/F960 FM50/FM70/FM90 QM91D Fits PAN VBD1/VBD2 Fits JVC V607U/V617U
		Fan	1xbuilt-in fan (speed auto adjusted)
Power	Input Voltage	USB Type-C 12V/1.5A	
Physical	Net Weight	500g	
	Net Dimension	147.9mm × 98.4mm × 53.8mm	

Order Code

Product Code	Item
601-0405-01-1	MSP 405

[1] Does not support charging

[2] Battery not included.

[3] Optional: 12G-SDI single mode 1310nm SFP module with LC connector.

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