

The EFP Field On-camera Monitors with Pic-in-Pic function

S-1071F(EFP), S-1071H(EFP)



S-1071F(EFP)



S-1071H(EFP)

PIP Introduction

The EFP field monitors are based on SWIT 7-inch S-1071F and S-1071H models, and have the additional picture-in-picture function, which enable the cameraman to monitor the switcher returned video in the EFP system.



Local Camera Video
SDI / HDMI

Switcher Returned Video

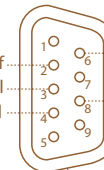
S-1071F(EFP): SDI or CVBS
S-1071H(EFP): CVBS
Overlay Position/Size selection

Multi-functional DB-9 port

To simplify the cable connection, the EFP application monitors provided a multi-functional DB-9 interface, which centralized DC power input, CVBS input, picture-in-picture switch on/off and TALLY light controlling. In your build-up EFP system, you can use only one DB-9 cable to input everything, instead of the complex cable work.



PIP: Picture-in-picture on/off
G: Green Tally signal
R: Red Tally signal



6 DC_IN: DC 6.5-17V power input
7
8 CVBS_IN: Switcher returned CVBS input
9

Remark: The CVBS input via BNC can display as Pic-in-Pic too.

Battery power is cancelled on EFP monitors, and you can use 4-pin XLR or DB-9 power input.

Features:

The EFP field monitors are based on SWIT 7-inch S-1071F and S-1071H models, and have the additional picture-in-picture function, which enable the cameraman to monitor the switcher returned video in the EFP system.

S-1071F(EFP)

- 7-inch LCD, 1024×600
- 2x HD/SD-SDI input and 2x loop output (BNC)
- 1x HDMI input and 1x loop output
- 1x CVBS input (BNC)
- Under SDI input, PIP display another SDI or CVBS
- Under HDMI input, PIP display another CVBS
- Overlay window position selection (4 corners or center)
- Multi-functional DB-9 port
- 2-ch SDI or HDMI embedded audio meter display
- Waveform – Y/Cb/Cr, R/G/B, and full scale (SDI&HDMI)
- Vector scope, R/G/B Histogram (SDI&HDMI)
- SDI timecode display
- Peaking focus assist (SDI&HDMI)
- False color, Blue only, Zebra stripes (SDI&HDMI)
- Underscan / Overscan, safety mark, Video flip

S-1071H(EFP)

- 7-inch LCD, 1024×600
- 1x 3G/HD/SD-SDI input and 1x loop output (BNC)
- 1x HDMI input and 1x loop output
- 1x CVBS input and 1x loop output (BNC)
- Under SDI or HDMI input, PIP display another CVBS
- Overlay window position selection (4 corners or center)
- Overlay window size adjustable
- Multi-functional DB-9 port
- SDI /HDMI embedded audio output via 3.5mm earphone
- Underscan / Overscan, safety mark, Video flip

Standard package includes:



Cold shoe / Screw ball head



Sun hood



LCD protection film



Power adaptor

Luxury package includes additional:



HDMI cable with mini-HDMI adaptor



Pan-tilt arm trestle (1/4"-20 screw)



D-tap to pole (5.5mm) cable



D-tap to 4-pin XLR cable



Carrying case

SWIT®

	S-1071F(EFP)	S-1071H(EFP)
LCD Performance		
Size	7.0 inches	
Resolution	1024×RGB×600	
Display area	154×90mm	
Aspect ratio	16:9, 4:3 adjustable	
Brightness	400cd/㎡	
Contrast	900:1	
Viewing angle	H/V: 160°/160°	

Input and Output

	Input	Output
SDI	SDI	SDI
	HD/SD-SDI x2 (BNC)	HD/SD-SDI x2 (BNC)
	HDMI	HDMI
	HDMI x1	HDMI x1
	CVBS	CVBS
	CVBS x1 (BNC), CBVS x1 (DB9)	CVBS x1 (BNC), CBVS x1 (DB9)
	Analog audio	Analog audio
	---	L x1, R x1 (RCA)
HDMI	HDMI	HDMI
	HD/SD-SDI x2 (BNC)	HD/SD-SDI x2 (BNC)
	HDMI	HDMI
	HDMI x1	HDMI x1
	CVBS	CVBS
	---	CVBS x1 (BNC)
	Analog audio	Analog audio
	Earphone socket (3.5mm)	Earphone socket (3.5mm)

Video Format

	Input	Output
SDI	SMPTE-425M	---
	SMPTE-274M	1080i (60/59.94/50), 1080p (30/29.97/25/24/23.98)
	SMPTE-RP211	1080psf (30/29.97/25/24/23.98)
	SMPTE-296M	720p (60/59.94/50)
	SMPTE-125M	480i (59.94)
	ITU-R BT.656	576i (50)
HDMI		1080p (60/59.94/50/30/29.97/25/24/23.98)
		1080i (60/59.94/50), 720p (60/59.94/50)
		480i / 576i / 480p / 576p
CVBS		NTSC/PAL

General

Input voltage	DC 6.5-17V, via 4-pin XLR or DB-9 port	
Power consumption	≤ 12W	≤ 8W
Working environment	temperature 0° ~ +40°C, humidity 10% ~ 90%	
Storage environment	temperature -15° ~ +60°C, humidity 10% ~ 90%	
Dimensions	192×139×48mm	192×139×48mm
Weight (main body)	565g	550g

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