

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

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

SWIT[®]



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
Overlayer 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

1 0 6 DC_IN: DC 6.5-17V power input
2 0 7
3 0 8 CVBS_IN: Switcher returned CVBS input
4 0 9
5 0

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 | SDI | HD/SD-SDI x2 (BNC) | 3G/HD/SD-SDI x1 (BNC) |
| | HDMI | HDMI x1 | HDMI x1 |
| | CVBS | CVBS x1 (BNC), CBVS x1 (DB9) | CVBS x1 (BNC), CBVS x1 (DB9) |
| | Analog audio | --- | L x1, R x1 (RCA) |
| Output | SDI | HD/SD-SDI x2 (BNC) | 3G/HD/SD-SDI x1 (BNC) |
| | HDMI | HDMI x1 | HDMI x1 |
| | CVBS | --- | CVBS x1 (BNC) |
| | Analog audio | Earphone socket (3.5mm) | Earphone socket (3.5mm) |

Video Format

| | | | |
|------|--------------|---|---------------------|
| SDI | SMPTE-425M | --- | 1080p (60/59.94/50) |
| | 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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