

SWIT®

S-1243F

23.8" Waveform Studio LCD Monitor



Waveform

display position selection:
four corners and large centre,
with adjusted transluence

Y, Cb, Cr, R, G, B selection display

Green color False color Single line

Vector Scope/ Histogram

Vector in white Vector in green Vector in false color

display position selection:
four corners and large centre,
with adjusted transluence

R/G/B/Y parallel display

Audio Meter Level

SDI: 16-ch / HDMI: 8-ch
Select any 2 channel to output
Audio abnormal alert info display
Display only 2-ch, 8-ch, or full 16-ch
Chart position / Translucent adjust

Rear Terminals

Features

- ◆ 23.8-inch LCD Panel, 1920×1080 resolution
- ◆ 2K/3G/HD/SD-SDI(x2), HDMI monitoring
- ◆ Y/Pb/Pr, VGA, CVBS monitoring
- ◆ 16-ch Embedded audio meters with alert
- ◆ Select any 2 audio channels to output
- ◆ Waveform Y/Cb/Cr/R/G/B and single line
- ◆ Vector scope, histogram R/G/B/Y
- ◆ Peaking focus assist (red/blue switch)
- ◆ AFD, Timecode, H/V delay
- ◆ TSL UMD and text TALLY display
- ◆ Safety Marker 4:3/13:9/14:9/15:9/1.85:1/2.35:1
- ◆ False Color, R/G/B/Mono
- ◆ Zebra stripes, Internal Color Bar
- ◆ V-mount / Gold mount battery plate optional
- ◆ USB firmware upgrade

Specification

LCD Performance

| | |
|---------------|-----------------------|
| Size | 23.8 inches |
| Display area | 527.04 × 296.46 mm |
| Resolution | 1920 × 1080 |
| Color | 16.77 million colors |
| Aspect ratio | 16:9 / 4:3 |
| Brightness | 250 cd/m ² |
| Contrast | 1000:1 |
| Viewing Angle | H/V: 178° / 178° |

Input/output

| Input | Output |
|-------------|---|
| BNC × 2 | 2K/3G/HD/SD-SDI input × 2 |
| BNC × 1 | CVBS input |
| BNC × 3 | Y/Pb/Pr input |
| HDMI × 1 | HDMI input |
| RS-485 × 2 | GPI × 1, UMD × 1 |
| USB × 1 | USB input (firmware upgrade) |
| VGA × 1 | VGA input |
| RS-232C × 1 | UMD |
| RCA × 2 | L/R audio input |
| BNC × 2 | 2K/3G/HD/SD-SDI Loop output |
| BNC × 1 | CVBS Loop output |
| HDMI × 1 | HDMI Loop output |
| RS-485 × 1 | UMD × 1 |
| 3.5mm × 1 | SDI/HDMI embedded audio output, analog audio output |

General

| | |
|------------------------|---------------------------|
| Input voltage | AC: 100V-240V DC: 11V-17V |
| Power consumption | ≤36W |
| Working temperature | 0°C ~ +40°C |
| Working humidity | 10% ~ 90% |
| Storage temperature | -15°C ~ +60°C |
| Storage humidity | 10% ~ 90% |
| Dimensions | 576 × 387 × 87mm |
| Net weight (main body) | 7.2 kg |

Video Format

| Format | Resolution | |
|---------|---|--|
| SDI | SMPTE-2048-2 | 2048 × 1080p (23.98 / 24 / 25 / 29.97 / 30 / 50 / 59.94 / 60) ; 2048 × 1080i (50 / 59.94 / 60) |
| | SMPTE-425M | 1080p (60 / 59.94 / 50) |
| | SMPTE-274M | 1080i (60 / 59.94 / 50) |
| | SMPTE-RP211 | 1080psf (30 / 29.97 / 25 / 24 / 23.98) |
| | SMPTE-296M | 720p (60 / 59.94 / 50) |
| | SMPTE-125M | 480i (59.94) |
| HDMI | ITU-R BT.656 | 576i (50) |
| | | 480i / 576i / 480p / 576p |
| | | 1080i (60 / 59.94 / 50) |
| | | 720p (60 / 59.94 / 50) |
| Y/Pb/Pr | | 1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98) |
| | | 1080psf (30 / 29.97 / 25 / 24 / 23.98) |
| VGA | 480i / 576i / 480p / 576p, 720p (50/60), 1080i (50/60), 1080p (50/60) | |
| CVBS | | 640 × 480 / 800 × 600 / 1024 × 768 / 1152 × 864 / 1280 × 768 |
| | | 1280 × 960 / 1280 × 1024 / 1600 × 1200 |
| CVBS | NTSC / PAL | |