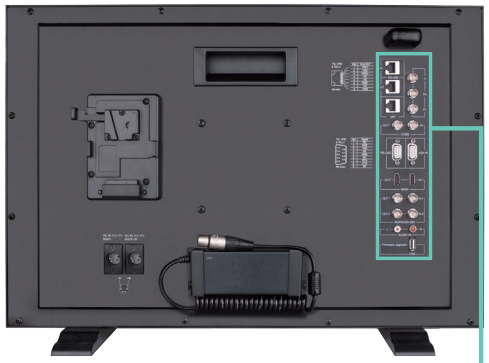
# SWIT®

## S-1243F

# 23.8" Waveform Studio LCD Monitor





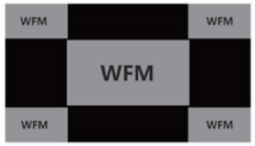
## Features

- 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

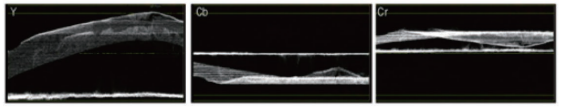
## Specification

| LCD Performance | | |
|---|---|---|
| Size | | 23.8 inches |
| Display area | | 527 × 296 mm |
| Resolution | | 1920 × 1080 |
| Color | | 16.77 million colors |
| Aspect ratio | | 16:9 / 4:3 |
| Brightness | | 300 cd/m² |
| Contrast | | 1000:1 |
| Viewing Angle | | H/V:178° / 178° |
| **Input/output** | | |
| Input | 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 |
| Output | 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℃ ~ +40℃ |
| Working humidity | | 10% ~ 90% |
| Storage temperature | | －15℃ ~ ＋60℃ |
| Storage humidity | | 10% ~ 90% |
| Dimensions | | 576 × 387 × 87mm |
| Net weight (main body) | | 7.2 kg |

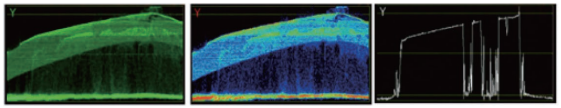
## Waveform




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

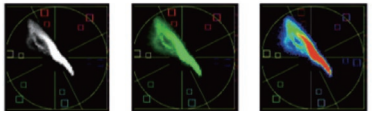



Y, Cb, Cr, R, G, B selection display




Green color　False color　Single line

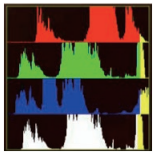
## Vector Scope/ Histogram



Vector in white　Vector in green　Vector in false color

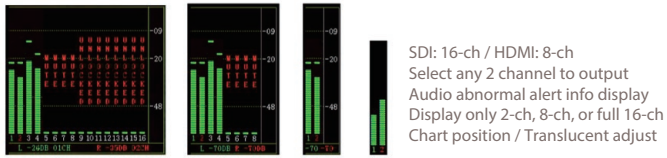



display position selection:
four corners and large centre,
with adjusted translucence



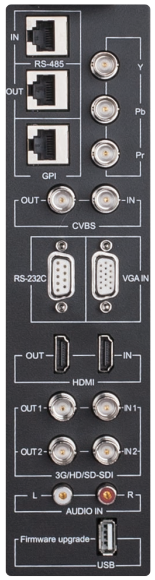
R/G/B/Y parallel display

## 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




## Video Format

| | | |
|---|---|---|
| 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 ) |
| | | 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 | | 480i / 576i / 480p / 576p |
| | | 1080i ( 60 / 59.94 / 50 ) |
| | | 720p ( 60 / 59.94 / 50 ) |
| | | 1080p ( 60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98 ) |
| | | 1080psf ( 30 / 29.97 / 25 / 24 / 23.98 ) |
| Y/Pb/Pr | | 480i/ 576i / 480p / 576p, 720p (50/60), 1080i (50/60), 1080p (50/60) |
| VGA | | 640 × 480 / 800 × 600 / 1024 × 768 / 1152 × 864 / 1280 × 768<br>1280 × 960 / 1280 × 1024 / 1600 × 1200 |
| CVBS | | NTSC / PAL |

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