

SEARCH

[Home](#) > [Field LCD Monitor](#) > S-1093F 9-inch Full HD Waveform LCD Monitor

- [Field LCD Monitor](#)
- [Rack-Mount Monitor](#)
- [Studio Monitor](#)
- [Power Station Box](#)
- [V-Mount Battery](#)
- [Gold-Mount Battery](#)
- [NP-1 Style Battery](#)
- [Charger / Adaptor](#)
- [Converter/Distributor](#)
- [Fiber Camera System](#)
- [Wireless Transmission System](#)
- [LED Light](#)
- [Battery for Sony](#)
- [Battery for Panasonic](#)
- [Battery for Canon](#)
- [Battery for JVC](#)
- [Accessories](#)
- [Gra-Vue Products](#)
- [AVIPAS Products](#)
- [B-Stock & Clearance](#)
- [Dealers/ Rentals](#)
- [Sales Reps](#)
- [Shipping & Returns](#)
- [Material Safety Data Sheets](#)
- [FAQ](#)

S-1093F 9-inch Full HD Waveform LCD Monitor



Item# S-1093F
\$1,950.00
Battery-Mount:
Availability: Usually ships in 2-3 weeks

Product Description

This is SWIT first 9-inch FHD waveform monitor, S-1093F, with 1920x1200 resolution IPS LCD panel, 2K/3G/HD/SD-SDI and HDMI input, provides broadcast technical reference patterns- waveform, vector scope, histogram, and up to 16-ch audio meters with alert, select any 2-ch audio to output. Moreover, the peaking focus assist, false color, R/G/B/Mono, H/V delay, UMD, AFD, scale markers are useful functions for broadcast field and studio monitoring.

Key Features:

- 9" IPS LCD, 1920x1200, H/V 170° viewing
- Build-in LCD protective glass
- 2K/3G/HD/SD-SDI, HDMI, 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
- AFD, H/V delay, R/G/B/Mono, False color
- TSL UMD and text TALLY display
- Zebra stripes, Peaking focus assist
- SDI timecode display
- Marker 4:3, 13:9, 14:9, 15:9, 1.85:1, 2.35:1
- Front / Rear TALLY light and GPI control
- V-mount, Gold mount or snap-on DV mount
- USB firmware upgrade

Specifications:

LCD Performance															
Size	9 inches														
Display area	191.52 x 119.70mm														
Resolution	1920 x 1200														
Aspect ratio	16:9 (4:3 adjustable)														
Brightness	450cd/m2														
Contrast	800:1														
Color	16.77 million colors														
Viewing angle	Horizontal: 170° Vertical: 170°														
Input															
BNC x 2	2K/3G/HD/SD-SDI input x 2														
BNC x 1	Composite input														
HDMI x 1	HDMI input														
3.5mm x 1	Analog audio input														
Output															
BNC x 2	2K/3G/HD/SD-SDI loop output														
BNC x 1	Composite loop output														
HDMI x 1	HDMI loop output														
3.5mm x 1	SDI, HDMI, Analog audio output														
Video Format															
CVBS	NTSC / MPAL														
SDI	<table border="1"> <tr><td>SMPT-2048-1</td><td>2048i (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98)</td></tr> <tr><td>SMPT-425M</td><td>1080p (60 / 59.94 / 50)</td></tr> <tr><td>SMPT-274M</td><td>1080i (60 / 59.94 / 50)</td></tr> <tr><td>SMPT-RP211</td><td>1080p (30 / 29.97 / 25 / 24 / 23.98)</td></tr> <tr><td>SMPT-296M</td><td>720p (60 / 59.94 / 50)</td></tr> <tr><td>SMPT-125M</td><td>480i (59.94)</td></tr> <tr><td>ITU-R BT.656</td><td>576i (50)</td></tr> </table>	SMPT-2048-1	2048i (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98)	SMPT-425M	1080p (60 / 59.94 / 50)	SMPT-274M	1080i (60 / 59.94 / 50)	SMPT-RP211	1080p (30 / 29.97 / 25 / 24 / 23.98)	SMPT-296M	720p (60 / 59.94 / 50)	SMPT-125M	480i (59.94)	ITU-R BT.656	576i (50)
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General															
Working voltage	DC / battery 6.5V-24V														
Power consumption	≤ 18W														
Working temperature	0°C ~ +40°C														
Working humidity	10% ~ 90%														
Storage temperature	-15°C ~ +60°C														
Storage humidity	10% ~ 90%														
Dimensions	241 x 178 x 52mm														
Net weight (main body)	960g														

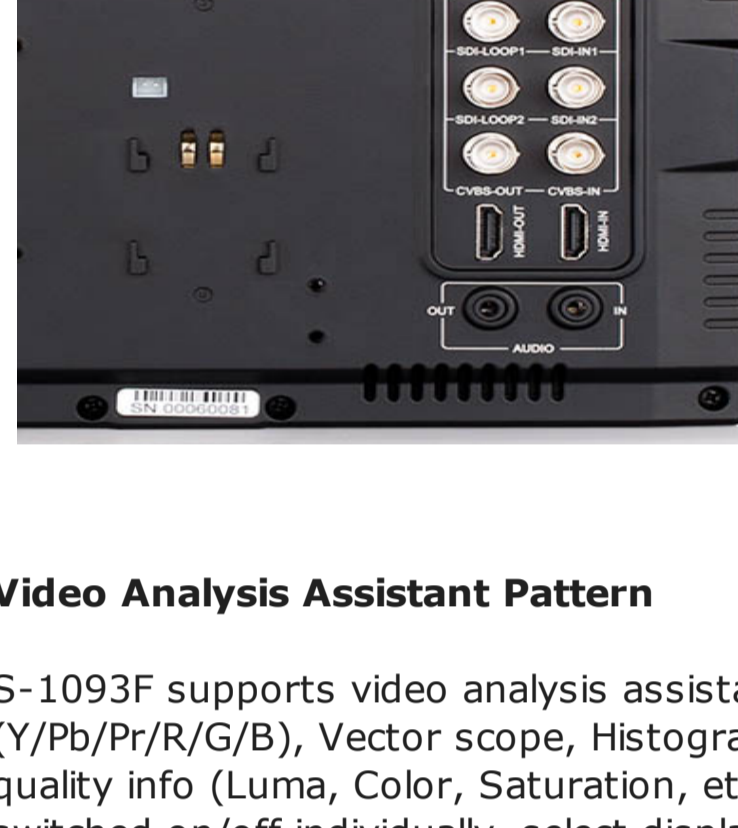
LCD Protective Glass

The LCD of S-1093F is overlaid with a glass, protects the screen against scratch or broken.



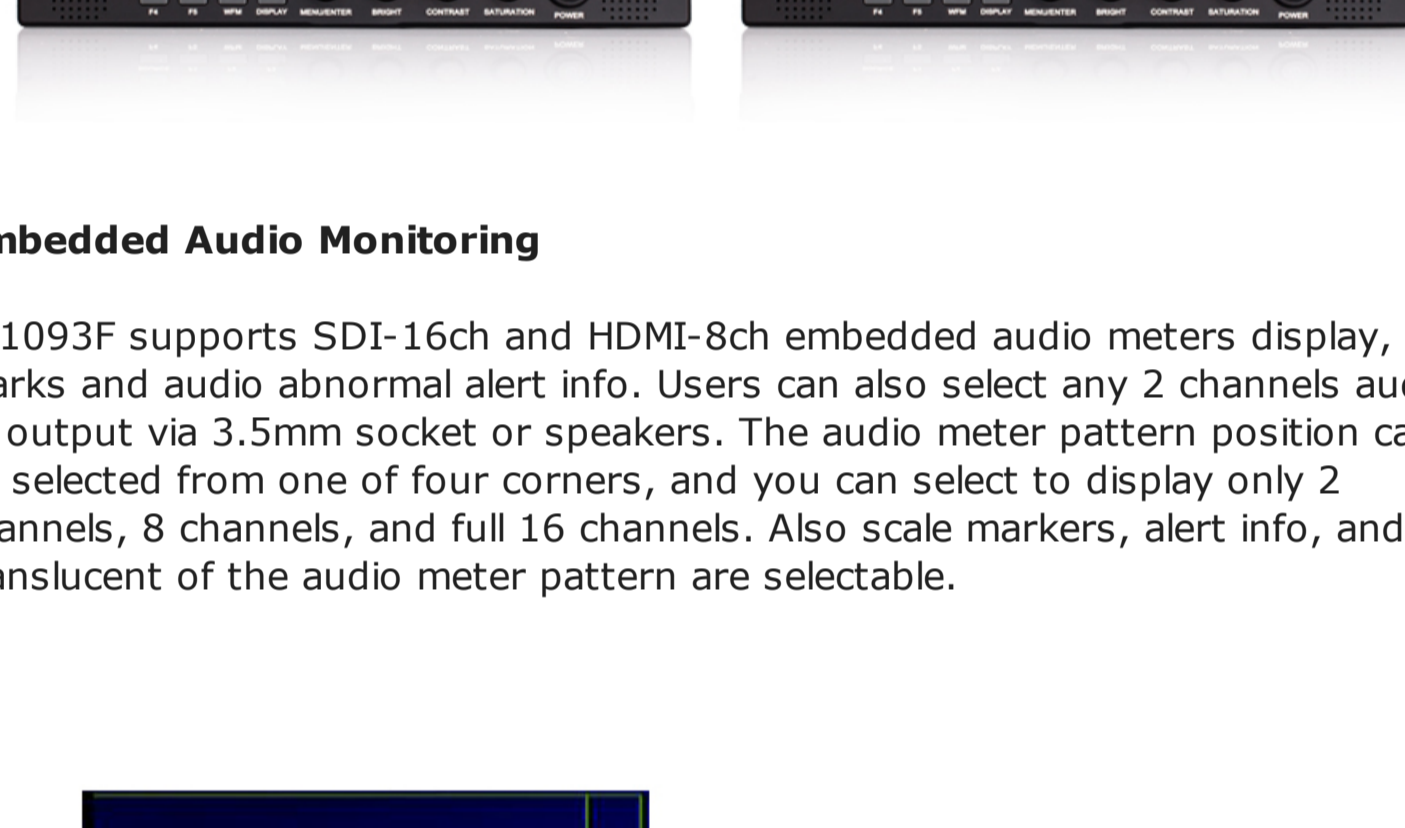
Input/Output Interfaces

- S-1093F monitor supports:
- 2K/3G/HD/SD-SDI input x 2
 - 2K/3G/HD/SD-SDI loop output x 2
 - HDMI input x 1
 - HDMI loop output x 1
 - CVBS input x 1
 - CVBS loop output x 1
 - 3.5mm analog audio input x 1
 - 3.5mm analog audio output x 1



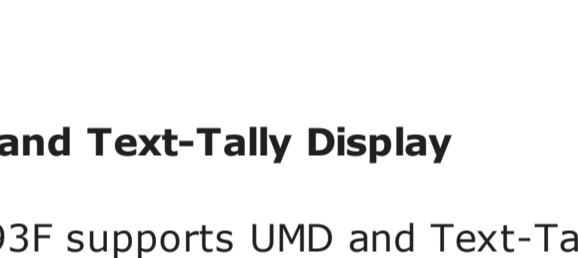
Video Analysis Assistant Pattern

S-1093F supports video analysis assistant patterns includes: Waveform (Y/Pb/Pr/R/G/B), Vector scope, Histogram (R/G/B/Y), to convert the digital video quality info (Luma, Color, Saturation, etc) to patterns, and the patterns can be switched on/off individually, select display position (Up/Down/Left/Right), size, color, and transluence.



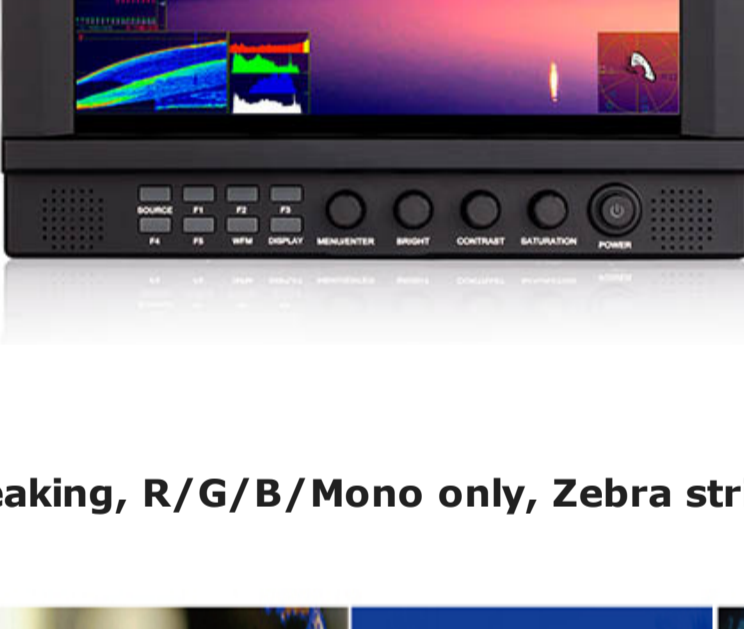
Embedded Audio Monitoring

S-1093F supports SDI-16ch and HDMI-8ch embedded audio meters display, with marks and audio abnormal alert info. Users can also select any 2 channels audio to output via 3.5mm socket or speakers. The audio meter pattern position can be selected from one of four corners, and you can select to display only 2 channels, 8 channels, and full 16 channels. Also scale markers, alert info, and translucent of the audio meter pattern are selectable.

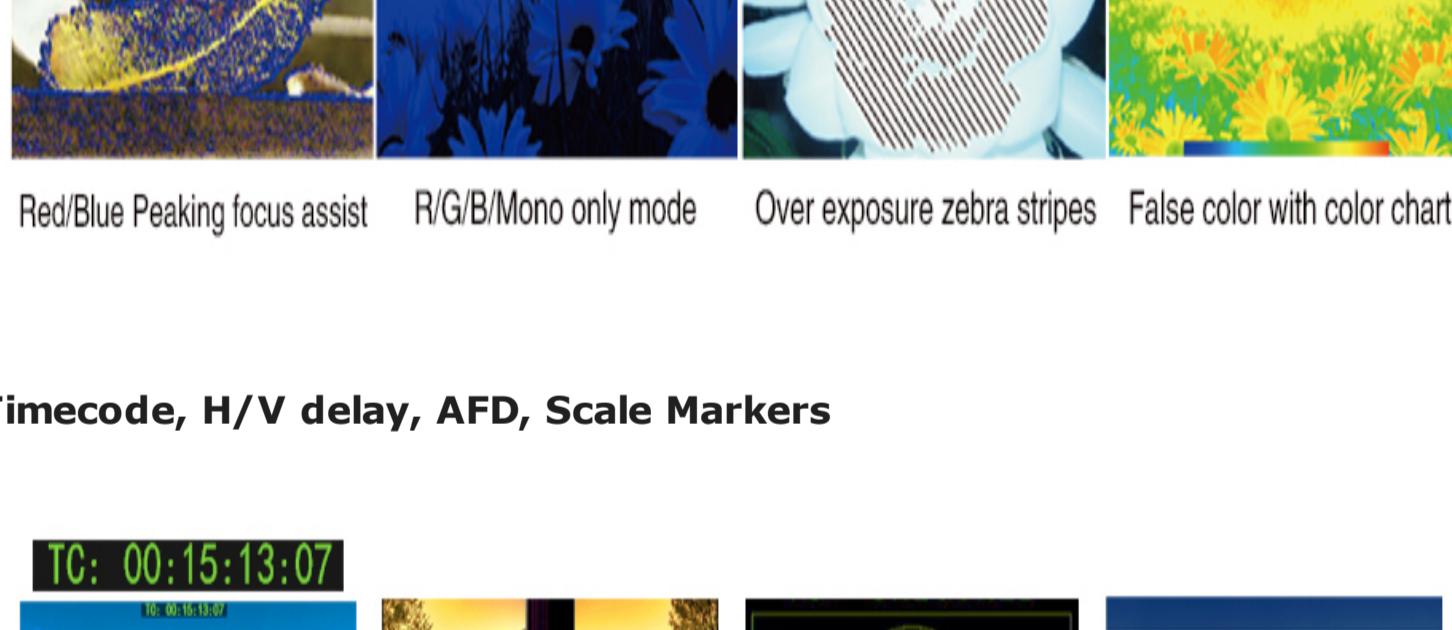


UMD and Text-Tally Display

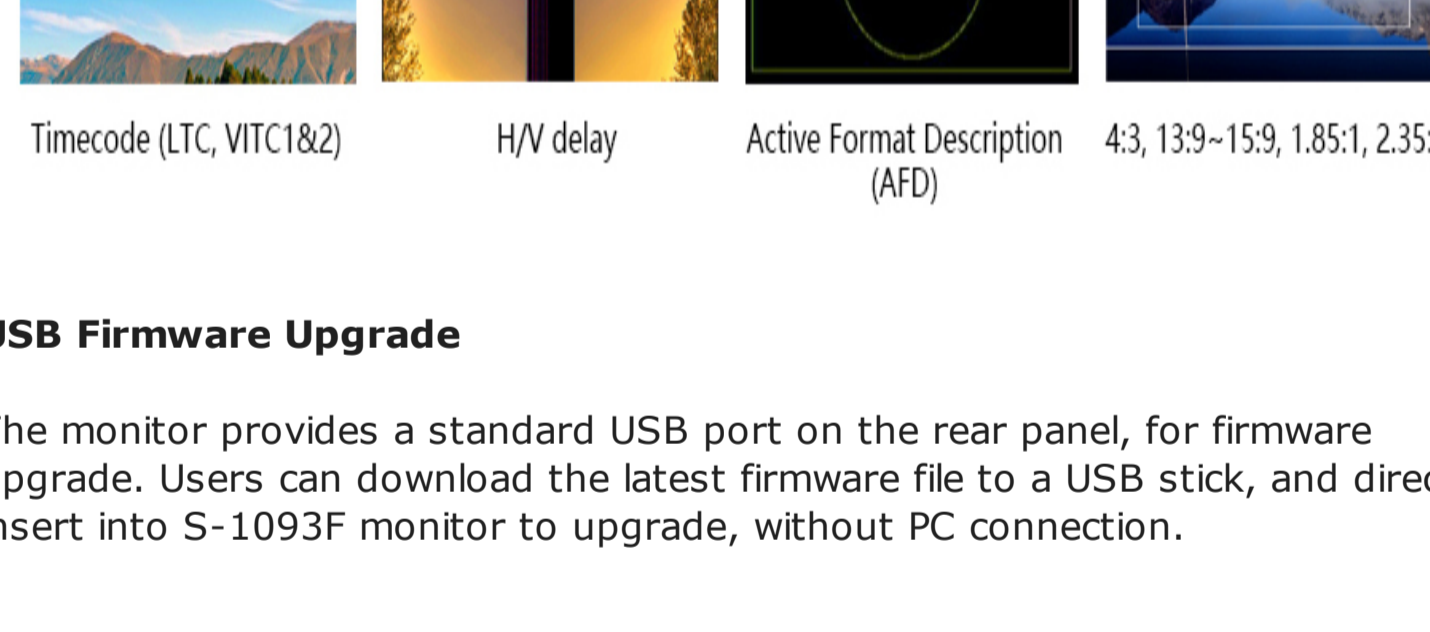
S-1093F supports UMD and Text-Tally display of TSL 3.1/4.0 protocol, with 1-126 TSL address selection, and Max 8 letters displayed. The UMD/TALLY signal inputs via RJ45(RS485) port on the rear panel of the monitor.



Peaking, R/G/B/Mono only, Zebra stripes, False Color

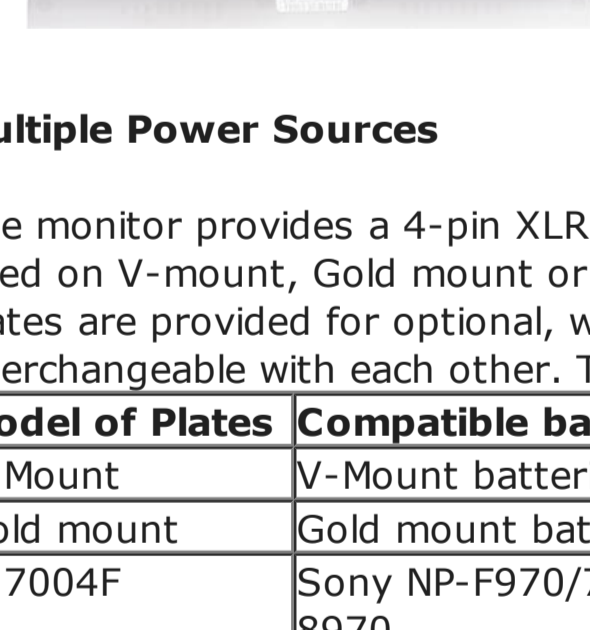


Timecode, H/V delay, AFD, Scale Markers



USB Firmware Upgrade

The monitor provides a standard USB port on the rear panel, for firmware upgrade. Users can download the latest firmware file to a USB stick, and directly insert into S-1093F monitor to upgrade, without PC connection.



Multiple Power Sources

The monitor provides a 4-pin XLR socket of DC 6.5-17V power input, and can be fixed on V-mount, Gold mount or DV battery plate. Various types of DV battery plates are provided for each other, with snap-on designed, quick released and interchangeable with each other. There are following DV plates for selection:

Model of Plates	Compatible batteries
V-Mount	V-Mount batteries
Gold mount	Gold mount batteries
S-7004F	Sony NP-F970/770, SWIT S-8972, S-8970
S-7004U	Sony BP-U60/U30, SWIT S-8U63
S-7004P	Panasonic CGA-D54/D28, SWIT S-8D62
S-7004B	Panasonic VW-VBG6, SWIT S-8BG6
S-7004i	SSL-JVC50, SWIT S-8i50
S-7004C	Canon BP-945/970G, SWIT S-8845, S-8945



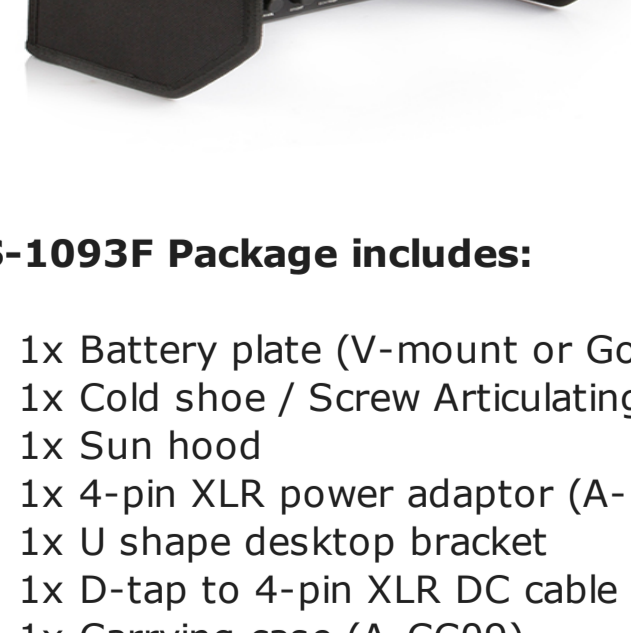
3-color TALLY Light

RJ45 (RS485) input signal There are front and rear TALLY lights of Red, Green and Yellow colors, and users can define the pins of RJ45 port to control



Sun Hood

For outdoor using, you can apply a sun hood on the monitor. The sun hood can be easily installed via the left and right screw threads, or directly by Velcro tapes. The sun hood is provided in the monitor package.



S-1093F Package includes:

- 1x Battery shoe (V-mount or Gold mount or snap-on DV mount optional)
- 1x Cold shoe / Screw Articulating Arm restle
- 1x Sun hood
- 1x 4-pin XLR power adaptor (A-PA03)
- 1x U shape desktop bracket
- 1x D-tap to 4-pin XLR DC cable (S-7101)
- 1x Carrying case (A-CC09)



Warranty Period: Two years conditional.

User Manual:

[View S-1093F User Manual](#)

