



SWIT Electronics USA, LLC.

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S-1243F 23.8-inch Full HD Waveform Studio LCD Monitor



Item# S-1243F

\$2,750.00

Battery Mount Options:
Please Choose One

Availability: Usually ships in 2-3 weeks

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Product Description

S-1243F adopts a 23.8 -inch IPS (In-Plane Switching) LCD panel, Full HD 1920x1080 resolution and LED backlight, 1000:1 contrast for accurate color reproduction. The viewing angle is Horizontal: 178° / Vertical: 178°.

Key Features:

- 23.8-inch LCD Panel, 1920x1080 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

Specifications:

LCD Performance	
Size	23.8 inches
Display area	527.04x296.46mm
Resolution	1920x1080
Aspect ratio	16:9 (4:3 adjustable)
Brightness	250cd/m2
Contrast	1000:1
Color	16.77 million colors
Viewing	Horizontal: 178°/Vertical: 178°
Input	
BNC x2	2K/3G/HD/SD-SDI input x2
BNC x1	CVBS input
BNC x3	Y/Pb/Pr input
HDMI x1	HDMI input
RS485 x2	GPI x1, UMD x1
RS232C x1	UMD
VGA x1	VGA input
3.5mm RCA x2	L/R audio input
USB x1	USB input (firmware upgrade)
Output	
BNC x2	2K/3G/HD/SD-SDI loop output
BNC x1	CVBS Loop output
HDMI x1	HDMI loop output
RS485 x1	UMD x1
3.5mm x1	SDI/HDMI embedded audio output, analog audio output
Video Format	
CVBS	NTSC/PAL
SDI	SMPTE ST 2048i/1080p (60/59.94/50/30/29.97/25/24/23.98)
	2048-1: 2011
	SMPTE-1080p (60/59.94/50)
	SMPTE-1080i (60/59.94/50)
	SMPTE-1080p (30/29.97/25/24/23.98)
	SMPTE-1080psf (30/29.97/25/24/23.98)
	RP211
	SMPTE-720p (60/59.94/50)
	SMPTE-296M
	SMPTE-480i (59.94)
	ITU-R BT.656
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)
Y/Pb/Pr	480i/576i/480p/576p,720p(50/60),1080i(50/60),1080p(50/60)
VGA	640x480/800x600/1024x768/1152x864/1280x768
	1280x960/1280x1024/1600x1200
General	
Working voltage	AC: 100V-240V DC: 11V-17V
Power consumption	≤32W
Working temperature	0°C~+40°C
Working humidity	10%~90%
Storage temperature	-15°C~+60°C
Storage humidity	10%~90%
Dimensions	430x310x73mm
Net weight (w/o stand)	7.2kg

Multi-format Input/Output

- S-1243F supports :
- 2K/3G/HD/SD-SDI input x2
 - 2K/3G/HD/SD-SDI loop x2
 - HDMI input x1
 - HDMI loop x1
 - YUV input x1
 - VGA input x1
 - CVBS input x1
 - CVBS loop x1
 - RS485 UMD input x1
 - RS485 UMD output x1
 - RS232C UMD input x1
 - RS485 GPI input x1
 - L/R analog audio input x1



Video Analysis Assistant Pattern

Waveform / Vector scope / Histogram

S-1243F 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

Up to 16-ch meters with alert and select output

S-1243F 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 Up/Down/Left/Right, 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.



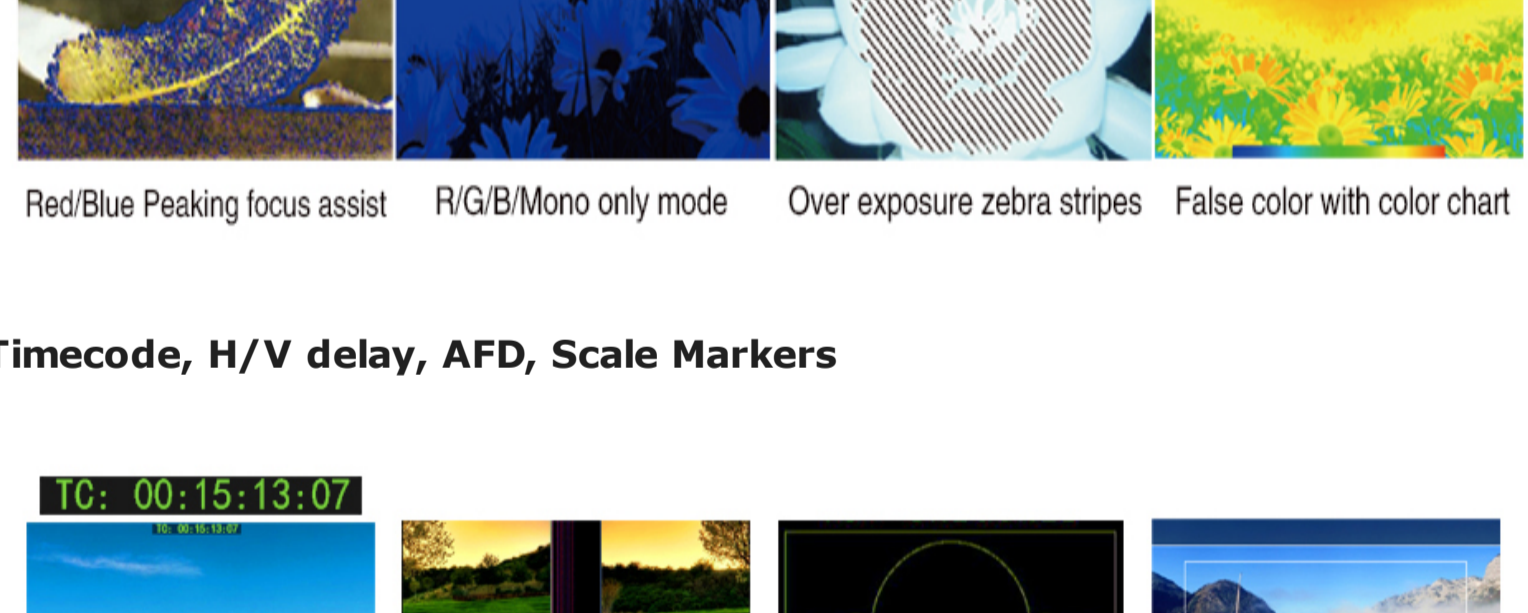
UMD and Text-Tally Display

TSL 3.1/4.0 Protocol

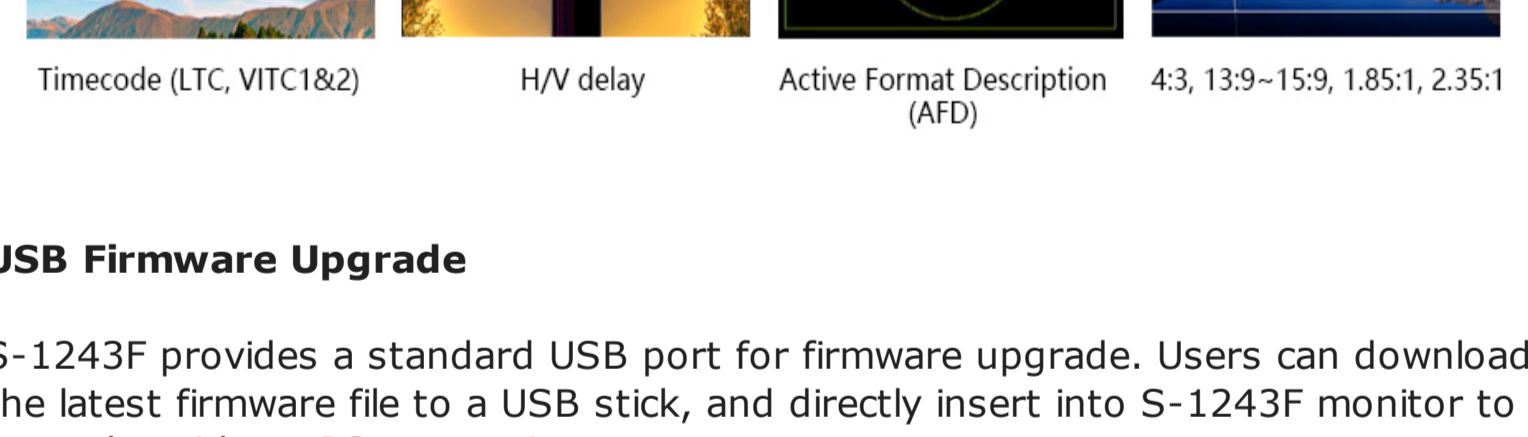
S-1243F supports UMD and Text-Tally display of TSL 3.1/4.0 protocol, with 1-126 TSL address selection, and Max 8 letters displayed. The UMD inputs via RS485 or RS232C port and outputs via RS485 port.



Peaking, R/G/B Mono, Zebra, False color

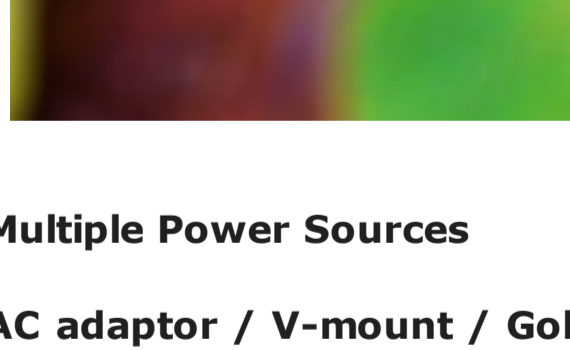


Timecode, H/V delay, AFD, Scale Markers



USB Firmware Upgrade

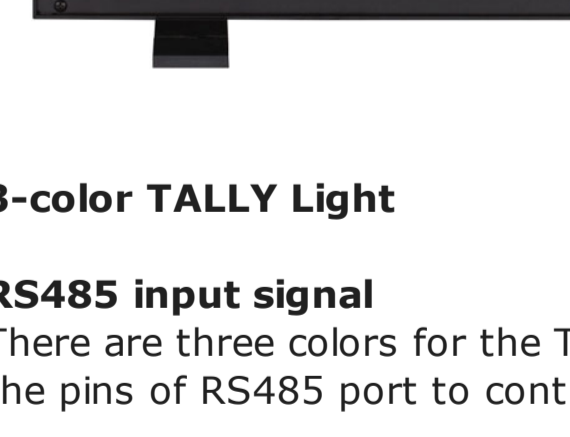
S-1243F provides a standard USB port for firmware upgrade. Users can download the latest firmware file to a USB stick, and directly insert into S-1243F monitor to upgrade, without PC connection.



Multiple Power Sources

AC adaptor / V-mount / Gold mount

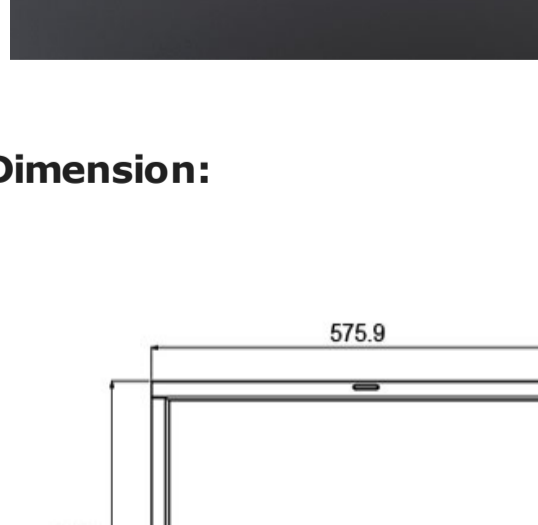
S-1243F provides a 4-pin XLR socket of DC 11-17V power input, and V-mount or Gold mount plate for outdoor using.



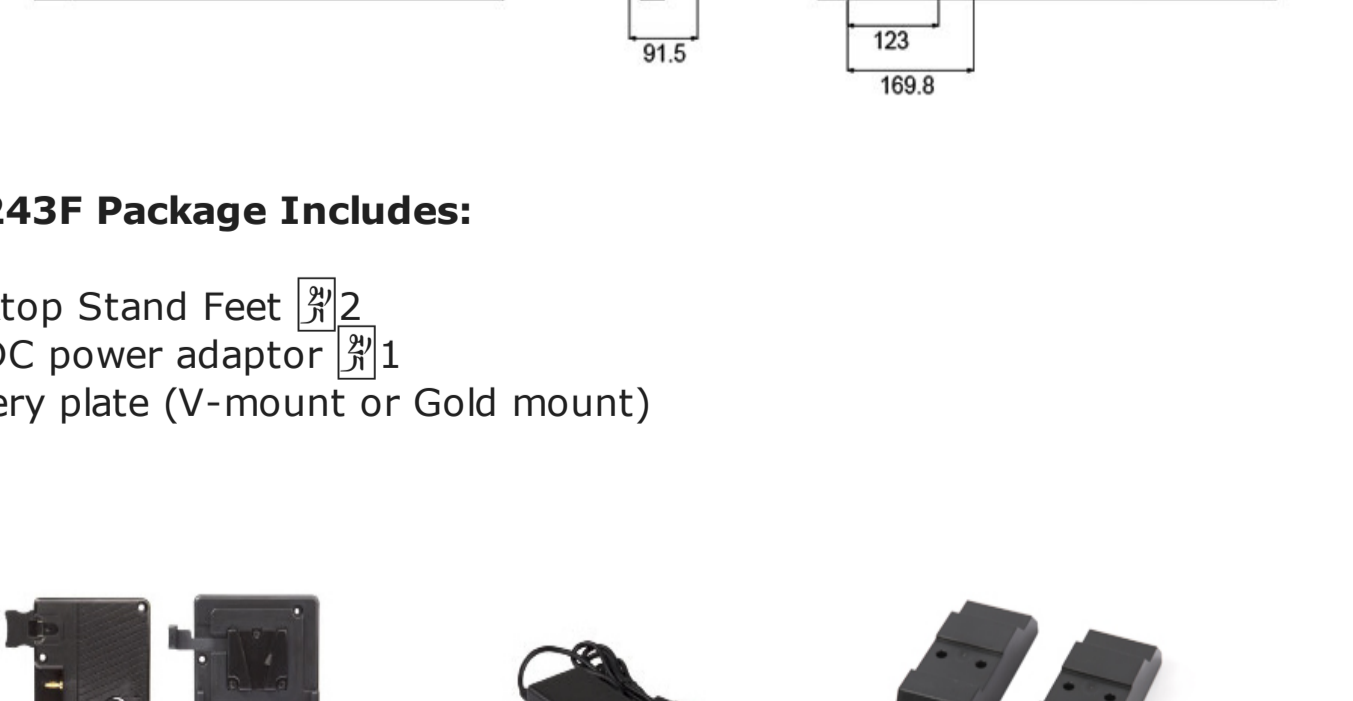
3-color TALLY Light

RS485 input signal

There are three colors for the Tally light: Red, Green and Yellow. Users can define the pins of RS485 port to control the TALLY lights.

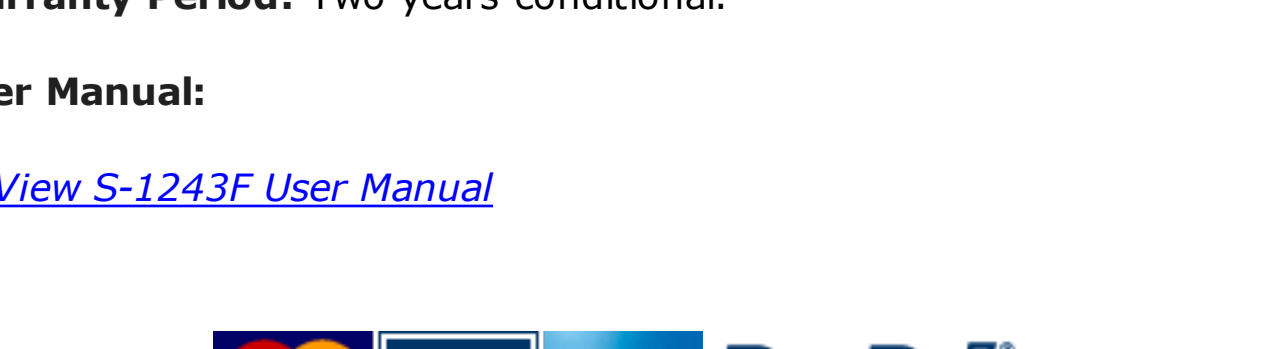


Dimension:



S-1243F Package Includes:

- Desktop Stand Feet x2
- AC-DC power adaptor x1
- Battery plate (V-mount or Gold mount)



Warranty Period: Two years conditional.

User Manual:

[View S-1243F User Manual](#)

