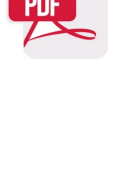
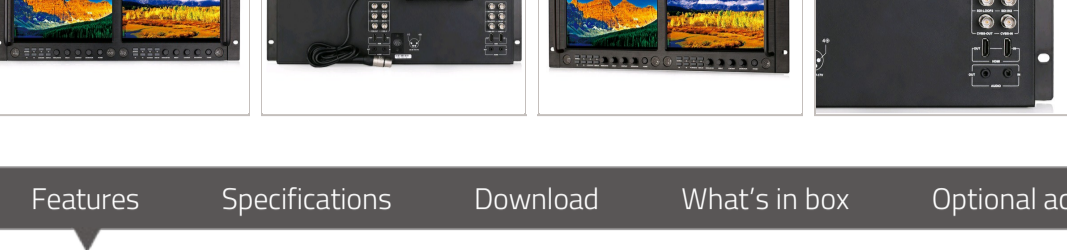


Home > Monitor > Rack Mount

# M-1093H | Dual 9-inch FHD Rack LCD Monitor



- > 9-inch IPS LCD Panel x2
- > 1920x1200 resolution, 1000:1 contrast
- > 19-inch 4U rack mounting, ±30° rotatable
- > 2K/3G/HD/SD-SDI, HDMI, CVBS monitoring
- > 2-ch Embedded audio meters with alert
- > 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
- > TALLY light and GPI control
- > USB firmware upgrade



MSRP Ex TAX / Shipping

Features | Specifications | Download | What's in box | Optional accessory | Related

## 9-inch IPS LCD

IPS panel with LED backlight

The M-1093H adopts 2x 9-inch IPS (In-Plane Switching) LCD panels, with Full HD 1920x1200 resolution and LED backlight, 1000:1 contrast. The viewing angle is Horizontal: 170° / Vertical: 170°



## Input/Output Interfaces

SDI / HDMI / CVBS / Analog Audio

- Each LCD of M-1093F supports:
- 2K/3G/HD/SD-SDI input x 2
- 2K/3G/HD/SD-SDI loop output x 2
- HDMI 1.3 input x 1
- HDMI 1.3 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

## UMD and Text-Tally Display

TSL 3.1 / 4.0 Protocol

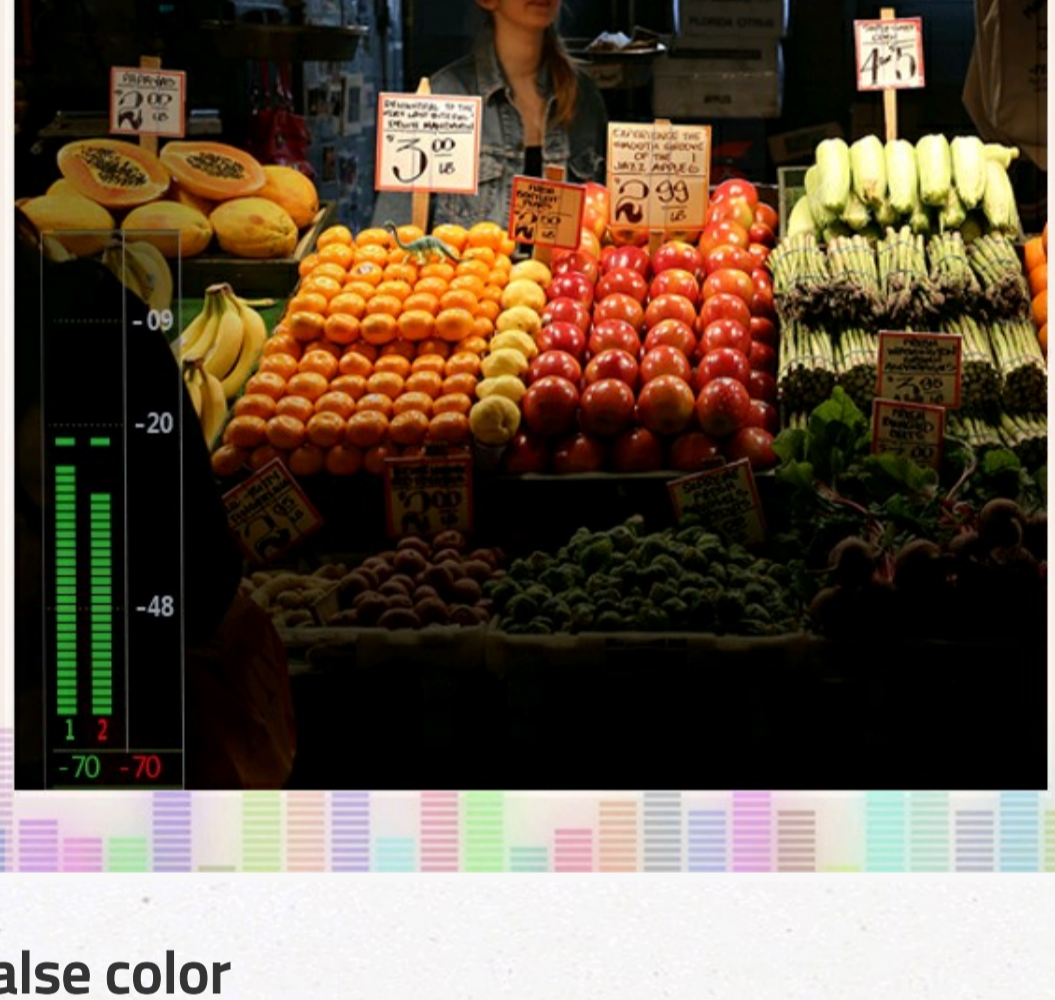
M-1093F supports UMD and Text-Tally display of TSL 3.1/4.0 protocol, with 1-126 TSL address selection, and Max 8 letters displayed. The UMD/TALLY signal inputs via RJ45(RS485) port on the rear panel of the monitor.



## Embedded audio monitoring

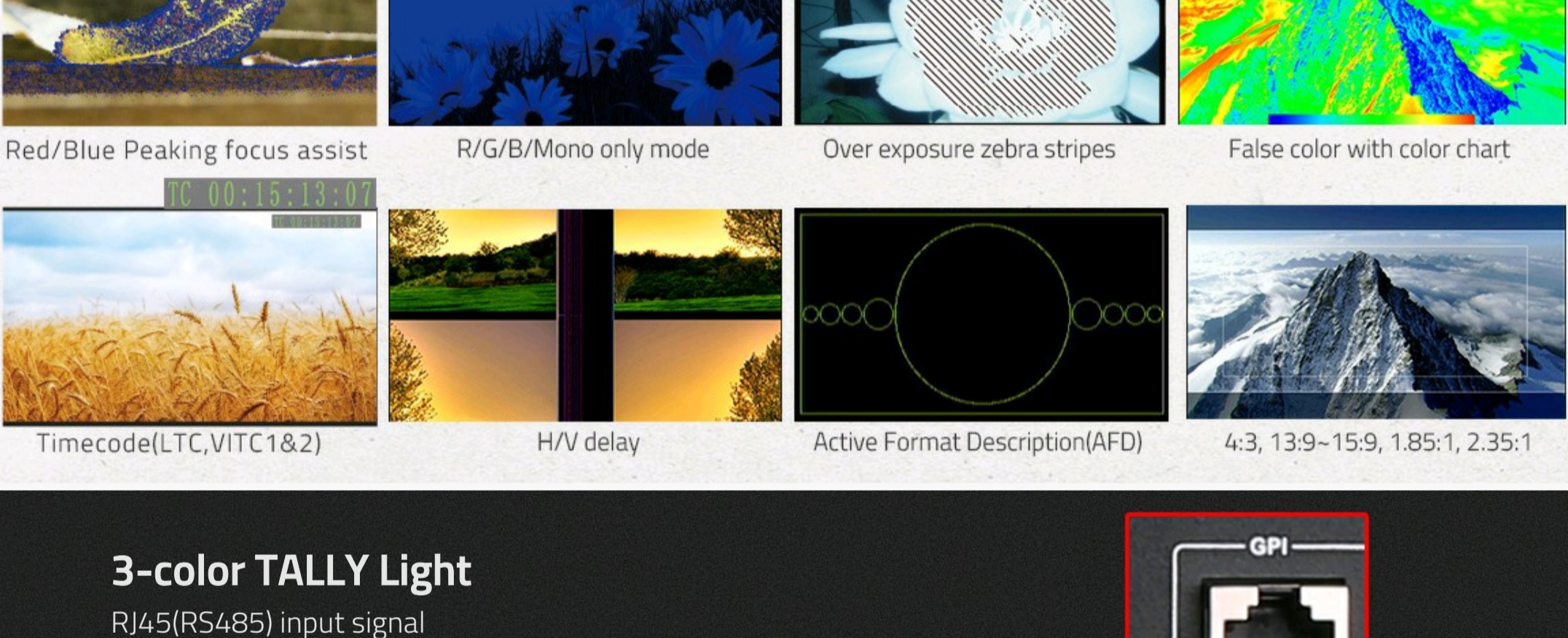
2-ch meters with alert

M-1093H supports SDI-2ch / HDMI-2ch embedded audio meters and Analog 2-ch audio meters display, with marks and audio abnormal alert info. The audio meter pattern position can be selected from one of four corners, and the scale markers, alert info, and translucent of the audio meter pattern are selectable.



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

Timecode, H/V delay, AFD, Scale Markers



## 3-color TALLY Light

RJ45(RS485) input signal

There are front TALLY lights of Red, Green and Yellow colors on each screen, and users can define the pins of RJ45 port to control the TALLY lights.



## 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 M-1093F monitor to upgrade, without PC connection.



## Power Supply

M-1093H provides a 4-pin XLR socket of DC 6.5-24V power input, for the both 2 screens, and an AC-DC adaptor is attached on the rear panel of the monitor.

## Installation

M-1093H is standard 19" rack mount fixing, occupies 4U height. The monitor is ±30° up and down rotatable when installed on racks.



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# M-1093H

## Dual 9" FHD Rack LCD Monitor

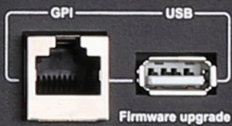


### ■ Introductions

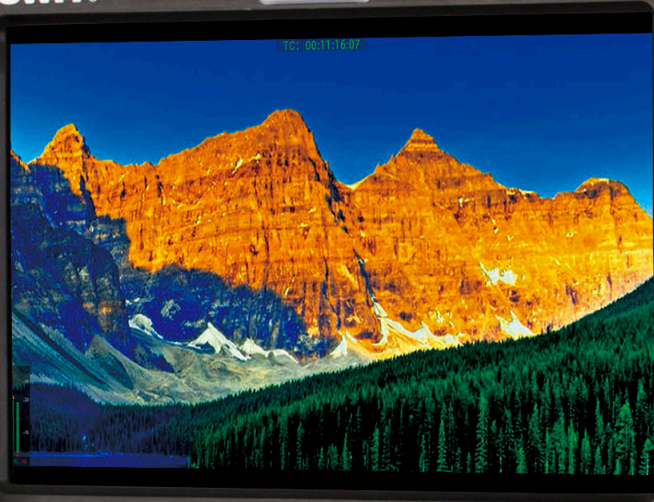
- ◆ 9-inch IPS LCD Panel × 2
- ◆ 1920×1200 resolution, 800:1 contrast
- ◆ 19-inch 4U rack mounting, ±30° rotatable
- ◆ 2K/3G/HD/SD-SDI, HDMI, CVBS monitoring
- ◆ 2-ch Embedded audio meters with alert
- ◆ AFD, H/V delay, R/G/B/Mono, False color
- ◆ TSL UMD and text TALLY display
- ◆ Zebra stripes, Peaking focus assist
- ◆ SDI timecode display
- ◆ Marker 4:3, 13:9, 14:9, 15:9, 1.85:1, 2.35:1
- ◆ TALLY light and GPI control
- ◆ USB firmware upgrade

### ■ Specification

LCD Performance		
Size	9 inches × 2	
Display area	191.5 × 119.7 mm	
Resolution	1920 × 1200	
Color	8 bit, 16.77M Color	
Aspect ratio	16:9 (4:3 adjustable)	
Brightness	450 cd/m <sup>2</sup>	
Contrast	1000:1	
Viewing Angle	H/V:170°/170°	
Input/output (Each LCD)		
Input	BNC × 2	2K/3G/HD/SD-SDI input × 2
	BNC × 1	CVBS input
	HDMI-A × 1	HDMI 1.3 input
	GPI × 1	UMD, GPI × 1
	3.5mm × 1	analog audio input
Output	BNC × 2	2K/3G/HD/SD-SDI loop output × 2
	BNC × 1	CVBS loop output
	HDMI-A × 1	HDMI 1.3 loop output
	3.5mm × 1	SDI/HDMI/analog audio output
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-A/B	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)
CVBS		NTSC / PAL
General		
Input voltage		DC 6.5V-24V
Power consumption		36W
Working temperature		0°C ~ +40°C
Working humidity		10% ~ 90%
Storage temperature		- 15°C ~ + 60°C
Storage humidity		10% ~ 90%
Dimensions		484 × 177 × 112.8mm
Net weight (main body)		2.8kg



SWIT.



SOURCE

F1

F2

F3

F4

F5

AUDIOBAR

DISPLAY

MENU/ENTER

BRIGHT

CONTRAST

SATURATION

POWER



SOURCE

F1

F2

F3

F4

F5

AUDIOBAR

DISPLAY

MENU/ENTER

BRIGHT

CONTRAST

SATURATION

POWER

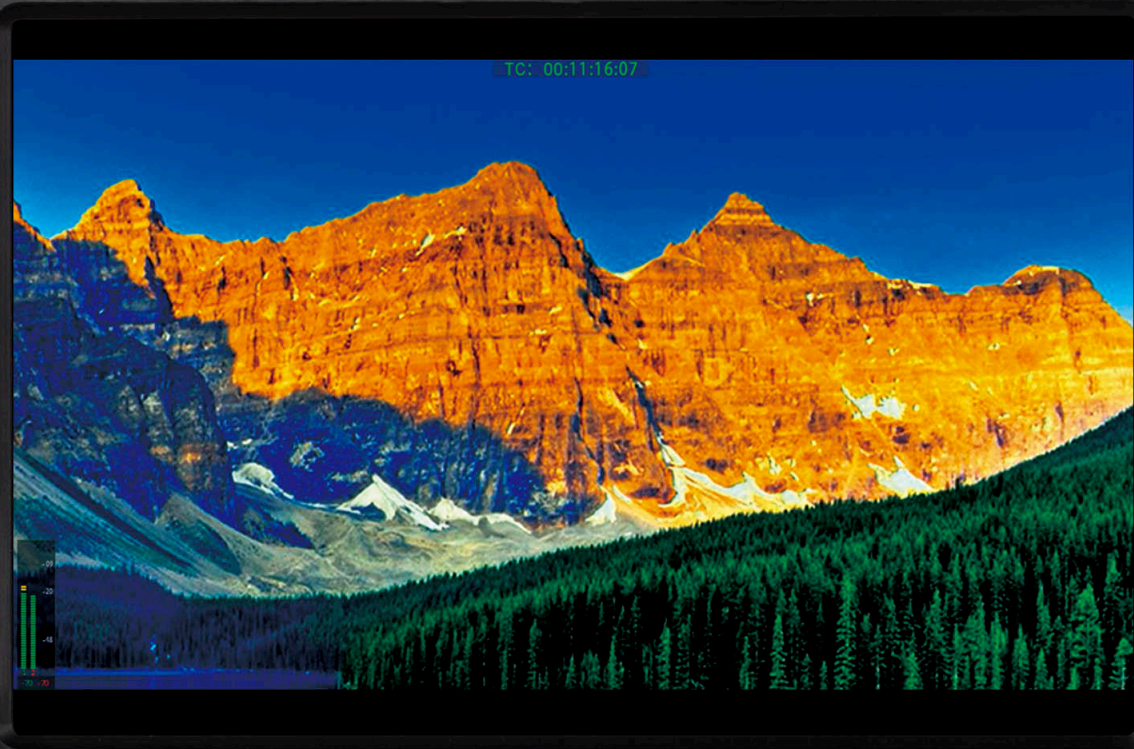








SWIT®



SOURCE  
F4

F1  
F5

F2  
AUDIOBAR

F3  
DISPLAY

MENU/ENTER

BRIGHT

CONTRAST

SATURATION

POWER



SOURCE  
F4

F1  
F5

F2  
AUDIOBAR

F3  
DISPLAY

MENU/ENTER

BRIGHT

CONTRAST

SATURATION

POWER

