



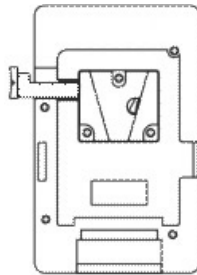
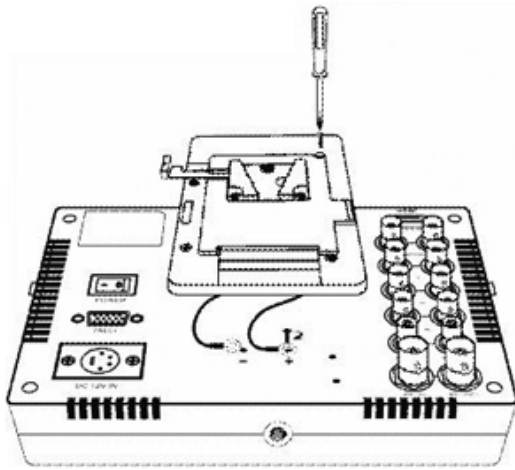
**RCM710HD2**  
**7" On-Camera Portable LCD Monitor wide view angle new type A+ class LCD panel.**

iTechLCD 2012 new generation RCM710HD2 LCD monitor, which use high resolution, wide view angle new type A+ class LCD panel. Combines three patent technology, this is a multi-function professional LCD monitor. It could be widely used in film and TV field shooting.

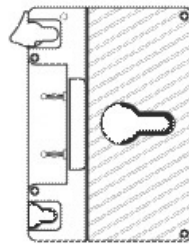


**Foldable Sunhood**

New generation super deep sunhood allows you get ideal view effect in almost all the environment.



▲ BP battery holder



▲ Anton battery holder

**Convenient battery connector**

Preset external battery connector could connect Sony and Anton battery plate on the back of the monitor. A 14.4V/100Wh video camera battery could support RCM710HD2 work over 8 hours.



Wide color gamut LCD panel and 1280x800 resolution ensure the monitor more precise color restoration , exquisite picture quality and more rich color levels.





RCM710HD2 not only set up pixel to pixel, blue screen, monochrome, aspect ratio, etc function keys, but also reserves the knob for professional users. Double functions and knob type coding switch are iTechLCD's exclusive technology feature, which will bring you more convenient and rapid operate feeling.



**Video/audio signal auxiliary detect function**

In order to get accurate luminance and chroma information, RCM710HD2 internally installed high sampling rate brightness waveform, RGB waveform and vector scope. It display the real-time luminance and chroma, which work as photographer's and technician's reference tool to guarantee the record video information within standard luminance range.

**Innovative battery electrical voltage display function**

The camera batteries were taken as monitors DC supplies frequently in outdoor shooting. When their voltage approach the lower end, monitors screen will turn dark gradually. Although this phenomenon is not belong to the equipment failure, it's already brought troubles to users obviously. Our innovative battery electrical voltage display function, will proceed real-time monitoring for running batteries energy and remind users to replace batteries in time.

**Specification:**

Screen Size	7"
Resolution	1280 (H) ×800 (V)
Dot Pitch	0.117 (H) ×0.117 (V) mm
Aspect Ratio	16:9 / 4:3 Switchable
Brightness	400cd/m <sup>2</sup>
Contrast	800:1
Response Time	12 ms
Viewing Angle	H 178° / V 178°
Voltage Input	DC12V
Voltage Range	DC 6~36V
Power Consumption	≤11W
Monitor Size	L 207×H 147×D 38.5 mm
Weight	≤1 kg

## Inputs & Functions:

Model Function		RCM710HD	RCM710S	RCM710	Remark
Video input	Composite	•	•	•	BNC×1 line 1.0 Vp-p±3 dB
	Component (Y/Pb/Pr)	•	•	•	BNC×1 line
	SD-SDI	•	•		BNC×1 line
	HD-SDI	•			BNC×1 line
	HDMI	•	•	•	HDMI×1 line
Audio input		•	•	•	RCA×1 line (dual channel)
Audio Monitoring		•	•	•	Front Speaker 0.5W (8Ω) Earphone:3.5mm jack
SDI Embedded Audio		•	•		PPM / UV
Video output	Composite	•	•	•	BNC×1 line Loop through 75Ω automatic termination
	Component (Y/Pb/Pr)	•	•	•	BNC×1 line
	SD-SDI	•	•		BNC×1 line
	HD-SDI	•			BNC×1 line
TALLY		•	•	•	Red/green two colors

## Analog Input Spec:

Model Function		RCM710HD	RCM710S	RCM710	Remark
Video input	Composite	•	•	•	BNC×1 line 1.0 Vp-p±3 dB
	Component (Y/Pb/Pr)	•	•	•	BNC×1 line
	SD-SDI	•	•		BNC×1 line
	HD-SDI	•			BNC×1 line
	HDMI	•	•	•	HDMI×1 line
Audio input		•	•	•	RCA×1 line (dual channel)
Audio Monitoring		•	•	•	Front Speaker 0.5W (8Ω) Earphone:3.5mm jack
SDI Embedded Audio		•	•		PPM / UV
Video output	Composite	•	•	•	BNC×1 line Loop through 75Ω automatic termination
	Component (Y/Pb/Pr)	•	•	•	BNC×1 line
	SD-SDI	•	•		BNC×1 line
	HD-SDI	•			BNC×1 line
TALLY		•	•	•	Red/green two colors

## HDMI Input Spec:

Signal Spec.	Interface sampling frequency (MHZ)	Standard	RCM710HD2
640*480/60p	25.200	CEA-861	•
720*480/60i	27.027	CEA-861	•
720*480/60p	27.027	CEA-861	•
720*576/50i	27.000	CEA-861	•
720*576/50p	27.000	CEA-861	•
1280*720/50p	74.250	CEA-861	•
1280*720/60p	74.250	CEA-861	•
1920*1080/50i	74.250	CEA-861	•
1920*1080/60i	74.250	CEA-861	•
1920*1080/24p	74.250	CEA-861	•
1920*1080/25p	74.250	CEA-861	•

Signal Spec.	Interface sampling frequency (MHZ)	Standard	RCM710HD2
1920*1080/30p	74.250	CEA-861	•
1920*1080/50p	148.50	CEA-861	•
1920*1080/60p	148.50	CEA-861	•

## SDI Input Spec:

SMPT Signal Standard	Signal Spec.	RCM710HD2
425M-A/B(3G)	1920*1080/50p	
	1920*1080/60p	
274M(HD)	1920*1080/60i	•
	1920*1080/50i	•
	1920*1080/30p	•
	1920*1080/25p	•
	1920*1080/24p	•
	1920*1080/30PsF	•
	1920*1080/24PsF	•
296M(HD)	1280*720/60p	•
	1280*720/50p	•
	1280*720/30p	•
	1280*720/25p	•
	1280*720/24p	•
125M(SD)	480/59.94i	•
ITU-R-BT656	576/50i	•

## RCM710HD2 Function Table:

Signal Function	SDI1	SDI2	HDMI	COMPOSITE (CVBS)	Component
Brightness waveform	•	•			
RGB waveform	•	•			
Vectorscope	•	•			
HV-DELAY	•	•			
Marks : Safety mark, Center mark, Title frame	•	•	•	•	•
Scaling : Pixel to Pixel, 16:9, 4:3, LETTER BOX, Built-in scan, Overscan	•	•	•	•	•
Color temperature 9300/6500 , adjustable	•	•	•	•	•
8 channels audio meter display	•	•			
UMD function	•	•	•	•	•
Red/Green two colors TALLY display	•	•			
Timecode	•	•			
Peaking (peaking level, edge color, edge width adjustable)	•	•	•	•	•
False color	•	•	•	•	•
Battery checking	•	•	•	•	•
Backlight control	•	•	•	•	•
Monochrom (BLUE ONLY)	•	•	•	•	•

# Mechanical Drawing:

