RCM840
8.4" On-Camera Portable LCD Monitor HD, SD and analog video signal input and display.

RCM840 series portable LCD monitors are the latest portable HD monitor products based on market demand . The products also highlight its positioning of professional, practical and economical. Since early 2011 they received so much good comments from professional users, and have been applied to the Guangzhou Asian Games and the Shenzhen Universiade scene.
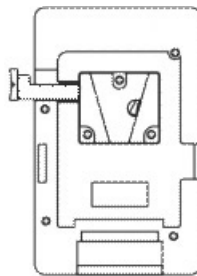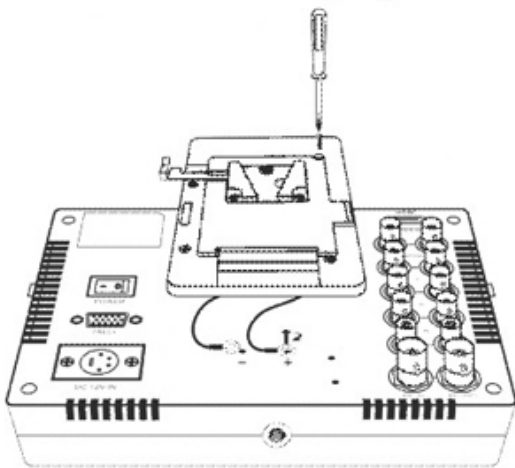
Simple, sophisticated apperance design

Difference from other stand-alone products is that RCM840 series shell use a special design technique. That is combining metal and plastic, which can have much richer details change in the industry design. As a representative of Japanese industrial products design, the design elements and style of design will be performed like this. The control pane of RCM840 series integrates a variety of design elements, such as the convex TALLY light, three-dimensional frame, the arc keyboard. All the delicate expressing technique and reasonable function sets reflect the artistic industrial product design idea . Taking into account of the convenience of application, but also reflecting the aesthetic experience of exterior design. All- metal shell make the product more robust and durable, also is a good solution to the heat dissipation problem.
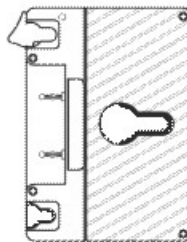
The three-dimensional frame feels more like the metal material after a special treatment , and the peripheral part with delicate surface ,forming a sharp contrast, reflecting the products much richer sense of the depth

DV battery plate

▲ BP battery holder

▲ Anton battery holder

Convenient battery interface

Sony and Anton battery adapter can be easily mounted on the back of the monitor ,a 14.4V/100Wh camera battery can power RCM840 series not less than 8 hours

Multiple Inputs

Multiple input formats to meet all HD, SD, analog video signal input and display demand

Professioal functions set

Embedded audio, Monochrome conversion, Underscan/overscan, Safety markers and so on.

Multiple power supplying methods

Same as other portable product, RCM840 series has three power supplying methods: AC power adaptor, external camera battery , sharing the battery with the camera.
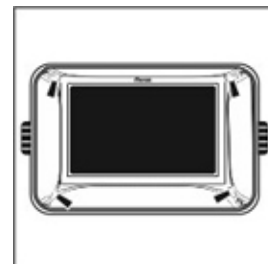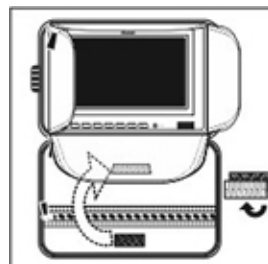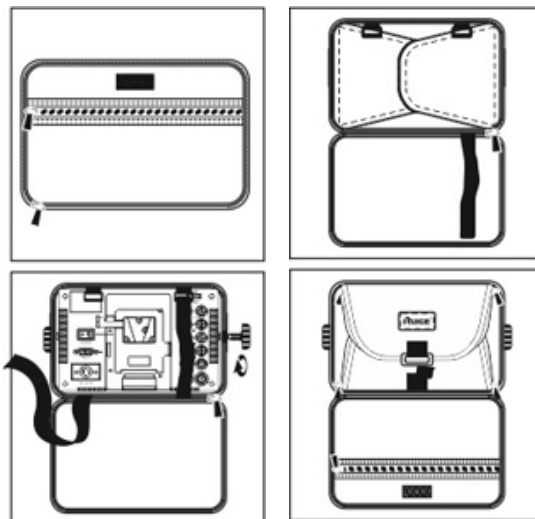
Flexible configuration

RCM840 series can be changed to jib monitors by selecting different accessaries

Work with the sunshade

Sunshade is the innovative product specially designed for iTechLCD multiple portable monitors, which has obtained the national patent.

Patented product

Director bag

Specification:

Screen Size	8.4"
Resolution	800（H）×600（V）
Dot Pitch	0.213（H）×0.213（V）mm
Aspect Ratio	4:3 / 16:9 Switchable
Brightness	600cd/m²
Contrast	600:1
Response Time	7 ms
Viewing Angle	H 150° / V 120°
Voltage Input	DC12V
Voltage Range	DC 6~36V
Power Consumption	≤14W
Monitor Size	L 219×H 176×D 51.7 mm
Weight	1.7 kg

Inputs & Functions:

Model Function		RCM840HD	RCM840S	RCM840	Remark
Video input	Composite	●	●	●	BNC X1line 1.0 Vp-p±3 dB
	Component (Y/Pb/Pr)	●	●	●	BNC X1line
	SD-SDI	●	●		BNC X1line
	HD-SDI	●			BNC X1line
	DVI-I	●	●	●	DVI-I X 1line
Audio input		●	●	●	RCA x1Line (dual channel)
Audio Monitoring		●	●	●	Rear Speaking 2×0.5W（8Ω）Earphone:3.5mm jack
SDI Embedded Audio		●	●		PPM / UV
Video output	Composite	●	●	●	BNC X1line Loop through 75Ω automatic termination
	Component (Y/Pb/Pr)	●	●	●	BNC X1line
	SD-SDI	●	●		BNC X1line
	HD-SDI	●			BNC X1line
TALLY		●	●	●	Red/green two colors

RCM840 Functions Table:

Signal Function	DVI-I (compatible with HDMI)	COMPOSITE (CVBS)	Component
Marks : Safety mark，Center mark，Title frame	●	●	●
Scaling : 16:9，4:3，LETTER BOX，Built-in scan，Overscan	●	●	●
Pixel to Pixel			
Color temperature 9300/6500，adjustable	●	●	●
4 channels audio meter display			
Red/Green two colors TALLY display（hardware）	●	●	●
Monochrome（BLUE ONLY）	●	●	●

Mechanical Drawing:

(MM)