

On-Camera LCD Monitor  
**TL-701HDA**

RoHS  
CE



On-Camera LCD Monitor

## TL-701HDA

RUIGE 2013 new generation TL-701HDA 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.



### Original imported A+ grade LCD panel

High brightness, high resolution, high contrast, ensures clear and sharp picture quality.



### Linear Zoom Trigger (Optional)

It can zoom in image in 1:1 pixel for monitoring. Pressing ZOOM key first time enters 1:1 pixel zoom in, second press enters peak focus status, third press returns normal size and status. This makes focus easier and faster, which solved off-focus problem in HD video shooting.

Patent application number: 201120010973.5



### Convertible Sunhood

Ruige patent design. It can reduce the highlight interference during outdoor shooting, and protect the LCD screen when folded.

Patent number: ZL200830141225.4



### Waveform / Vectorscope function

TL-701HDA built-in high sampling rate luminance/RGB waveform & vectorscope histogram to achieve real-time display on the status of brightness and chroma signal, which provide auxiliary tools for photographers or technicians reference, and ensure the recorded video information are not beyond the standard luminance scope.

TL-701HDA 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 Ruige's exclusive technology feature, which will bring you more convenient and rapid operate feeling.

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

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

### 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.

Preset external battery connector could connect BP and AD battery plate on the back of the monitor. A 14.4V/100Wh video camera battery could support TL-701HDA work over 8 hours.

In order to get accurate luminance and chroma information, TL-701HDA internally installed high sampling rate brightness waveform, RGB waveform and vectorscope. 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.



### Parameter configuration

Screen size	7"
Resolution	1280 × 800
Dot Pitch	0.117 × 0.117mm
Aspect ratio	16:9/4:3 (switchable)
Brightness	400cd/m <sup>2</sup>
Contrast	800:1
Response time	12ms
Viewing angle	H 178° / V 178°
Voltage Input	DC 12V
Power consumption	≤ 12W
Operation way	Button+Code
Material	ABS+PC
Outer size	(L)121.7 × (H)147 × (D)38.5mm
Net weight	≤ 1Kg

### Inputs & Functions

Function	Model	TL-701HDA
Video Input	Composite	BNC × 1line
	Component(Y/Pb/Pr)	BNC × 1line
	HD/SD-SDI	BNC × 2line Brightness waveform RGB waveform Vectorscope HV-DELAY
	HDMI	HDMI × 1line
Audio input		RCA × 1line ( Stereo )
Audio Monitoring		Front right speaker 0.5W ( 8 Ω ) + Earphone
SDI Embedded Audio		PPM / UV
Video Output	Composite	BNC × 1line
	HD/SD-SDI	BNC × 1line
	TALLY	Red/green two colors