



Long time battery power supply

Field shooting often use DC power supply. TL2000HD-CO could get power from 14.4v broadcast li-battery . One group of 130Wh broadcast battery could support TL2000HD-CO work continuously for 4h.

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.



With block-shaped high elastic sponge, users could decide the box loading groove shape according to the equipment they use.



LCD display unit heat discharge holes.



Video/audio controller heat discharge wings.

Unique high temperature resistant design

In the field shooting, monitors are often exposed in strong sun light. Long time exposed in high temperature will make the monitor internal device performance degrade and speed up its aging rate, and reduce its working stability and lifetime.

TL2000HD-CO take separable patent technology, which separate the lcd panel from controller and greatly reduce the whole unit's heat during working.

The aluminium cover of video/audio controller has good thermal conductivity. The cover body adopt one-step molding extrusion process, 9 of 480mm long 3mm high external radiator wings not only solve heat problem of the controller, but also reduce the total weight of whole unit.

The display unit's aluminium board has air inlet and outlet holes on the top and bottom, which could discharge the working heat timely.



Foldable & extensible sunhood

Sunhood is an important part of outdoor shooting. TL2000HD-CO foldable sunhood adopts a very clever design. It could meet almost all the normal sun shield need, and under some special circumstances, it could extent 8cm more and get better sun shield effect. When shooting finish, it could be folded and put in the box. This is a removable sunhood, it could be removed when doing indoor shooting.



* Physical appearance of products may vary slightly from image shown in the catalogue. Please visit www.ruige.com/en/ for updates

CARRY-ON MONITOR | TL2000HD-CO Specification

Model	TL2000HD-CO
Screen Size	20"
Resolution	1600 (H) × 900 (V)
Dot Pitch	0.2766 (H) × 0.2766 (V) mm
Aspect Ratio	16:9 / 4:3 Switchable
Brightness	300cd/m ²
Contrast	1000:1
Response Time	8ms
Viewing Angle	H 178° / V 178°
Voltage Input	DC12V
Power Consumption	≤ 30W
Monitor Size	(L)550 × (H)213.8 × (D)430mm
Weight	≤ 12Kg

CARRY-ON MONITOR



RUIGE





TL2000HD-CO carry-on monitor, the professional monitoring equipment for outdoor photography of film and TV.

Product Features:

- ◆ Use Canada original advanced engineering case with dustproof, waterproof and anticollision characteristics, suitable for various filming environment.
- ◆ Unique structure design, simple operating mode, one minute to enter working state.
- ◆ Built-in foldable sunhood, easy to mounting and dismounting, avoid the high light interference for the screen completely.
- ◆ A piece of 14.4V /130wh camera lithium battery has 4~5 hours duration of flight.
- ◆ Separating thermal design is good for non-stop use in 40°C high temperature conditions.

Functions Description:

Luminance waveform, RGB waveform, vectorscope, 8 channels audio meters, false color, monochrome, peaking, pixel to pixel, time code, HD-delay, battery electric power display, mark, safety lock, aspect ratio switch of multiple picture.

Optional functions: 3G-SDI, wireless video transmit and reception



Big size monitor is very necessary for directors in field shooting. At present, most big size monitors are carried and transported by aluminium alloy box. Large volume and weight is not only inconvenient in transporting and using, but also increased the crew's labour work and cost.



As the global original carry-on monitor, TL2000HD-CO is a hi-end outdoor shooting equipment crafted by RUIGE. It extends and enriches the patented technology from RUIGE separable monitor, and makes the big size monitor become portable into reality. It already widely adopted by the cameramen in local and overseas market.

High-class engineering box

TL2000HD-CO use Canada produced special film & TV equipment use high-class engineering box. This box is high-temperature resistant, impact resistant, waterproof and dust proof. Exquisite appearance design, solid structure.



Solid and comfortable slid proof hand.



Three-step interlink lock make the box body and upper cover connect firmly.



Automatic open device

When use the equipment, users only need to open the three-step interlink lock and lift the upper cover slightly, the upper cover with lcd display unit mounted inside will raise slowly with the hydraulic pole to the setting angle.

For the separable patent technology used in the design, the upper cover mount lcd display unit only. It reduce the cover's light greatly, and avoid backward dumping. The traditional integrated monitor could never do this.



Lift type video/audio controller

Concerning the controller operating and box closing problem, the video/audio controller sinks in the bottom of the box when don't use and has no interference with the lcd panel or sunhood. When users need to use it, they only need to press the button in the controller inner center and it will raise automatically. When close the box, just press the controller to the bottom of the box to the lock position.



Before raise



After raise

Easy for boarding carry

Less than 12kg in weight, it can follow the ticket delivery to any countries and regions. Its size can meet the cabin luggage rack placement requirements and can carry boarding in an emergency.

Video/audio signal auxiliary detect function

In order to get accurate luminance and chroma information, TL2000HD-CO 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.



(IPS technology) high resolution lcd panel

TL2000HD-CO use 1600x900 resolution and over 85% color gamut IPS lcd panel. Exquisite picture quality, accurate color restoration and wide viewing angle of this panel ensure the natural display effect in any angle without gray flip or color offset.