



## TL-P700YHD

Category : Monitor

Screen Size : 7 inch

### Product description

- TL-P700YHD with ultra high brightness use the golden size 7" panel , the maximum brightness hit 1000 cd/m<sup>2</sup> (tested)
- Screen can display clear picture , which absolutely resolved the problem of high brightness interference.

### Specification\*\*

## Jib Monitor TL-P700Y<sub>HD/SD</sub>

Super bright monitor

The terminator of strong light interference



## Easy operation, time-saving

In 2002, cooperated with the technicians of Beijing TV Station, we successfully developed the world's first Jib LCD monitors, which solved the problem of long distance focus, and quickly adopted by CCTV, many provincial & municipal TV stations. The prominent characteristics like high brightness and portability make it is much better than traditional CRT monitors. So far, RUIGE jib monitors have become the standard products to match heavy type Jib Crane of top brand. Meanwhile, they're widely used on large variety activities, Guangzhou Asia Games, Shenzhen Universiade and etc.

A 7-inch LCD monitor is shown on the left, displaying a scene with three people. Below the screen is a control panel with buttons labeled CTRL, LOCK, F1, F2, F3, F4, F5, F6, F7, SOURCE, and MENU. To the right of the monitor is a black light meter with a circular sensor. The light meter's display shows '1042' and 'X100 LUX'. Below the display are buttons for POWER, HOLD, and RANGE. The brand name 'TES TES 1332 DIGITAL LUX METER' is visible at the bottom of the device.

Size  
7"

The maximum brightness  
1000cd/m<sup>2</sup>



So-called high brightness monitor means increasing backlight LED quantity and power to get higher backlight brightness based on no interference to the original signal, then have a higher  $\text{cd}/\text{m}^2$  value, which will not affect the chroma and reverse of the signal.

Comparing to the normal monitor, the high brightness monitor power and heat is increased. TL-P700YHD case adopts the Production technology of aluminum alloy extrusion, based on ensuring the industrial design beauty and refined, making full use of the aluminium characteristic of easy heat compensator to make the inside heat eliminating through the aluminium case and make sure the suitable working temperature for the equipment.

In the past, most of them are the normal brightness monitors, however there is difference from the actual brightness if you watch the scenery by the high brightness monitor. Thereby TL-P700YHD add to the features like brightness waveform, exposure checking and "ELP" to help the cameraman to avoid the mistaken judging of the exposure.

TL-P700YHD has the feature of adjustable backlight, based on different application environment, selecting the mode of "standard" "High brightness" and "user-define" to adjust the monitor backlight brightness.

When it comes to TL-P700YHD high brightness monitor function design, it is simple and fast. The usual functions as backlight adjusting, aspect ratio, waveform, exposure checking, chroma only and peaking focus (with color) are separately assigned to the ten buttons on the front panel. The only Knob (code switch) can adjust the brightness, contrast, saturation, volume and sharpness, also manage the whole menu.



High brightness and soft  
two color Tally light



## Original CANARE Ports

BNC terminals, as the standard I/O connectors for SDI signal, will affect the signal display quality directly. All RUIGE monitors adopt Canare original SDI proprietary BNC to ensure the highest quality of HD signal transmission.

### PANEL

Size	7 inch
RESOLUTION	1024*RGB*600
DOT PITCH	0.05 (H) ×0.15 (V) mm

ASPECT RATIO	16:9 / 4:3 switchable
BACK LIGHT	White LED
BRIGHTNESS (MAX)	1000cd/m <sup>2</sup>
CONTRAST (MAX)	700:1
COLOR DEPTH	8Bits(16.7M)
IMAGE PROCESSING	10Bits
RESPONSE TIME	10ms
VIEWING ANGLE	H150° / V 145°

## VIDEO IN

CVBS	BNC×1
3G-SDI	BNC×2
Component	BNC×3
HDMI	HDMI×1

## VIDEO OUT

CVBS	BNC×1
Component	BNC×3

## AUDIO

Audio demultiplexing	Support
Audio meters	16 Channels (Display 8 Channels )
Headset	No Support

## VIDEO FORMAT

CVBS	PAL/NTSC
Component	480p/60、480i/60、576i/50、576p/50、720p(50/60)、1080i(/50/60)、1080p(24/25/30/50/60)
HDMI	480p/60、480i/60、576i/50、576p/50、720p(50/60)、1080i(/50/60)、1080p(24/25/30/50/60)
3G-SDI	1080p50/60
HD-SDI	1080i/60/59.94/50、1080p/30/29.97/25/24/24sF/23.98/23.98sF、720p/60/59.94/50
SD-SDI	480/59.94i、576/50i

## Operation

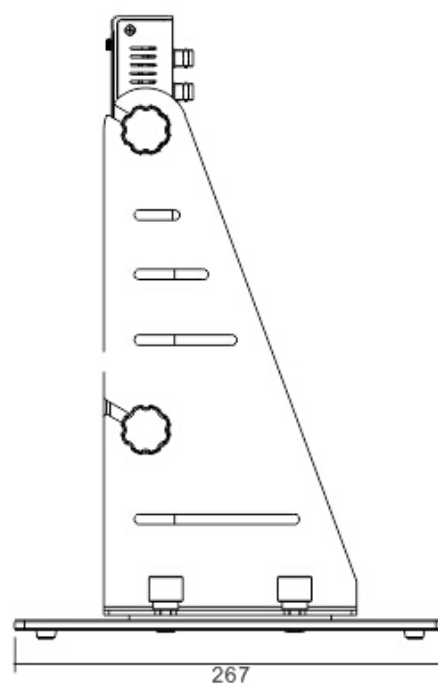
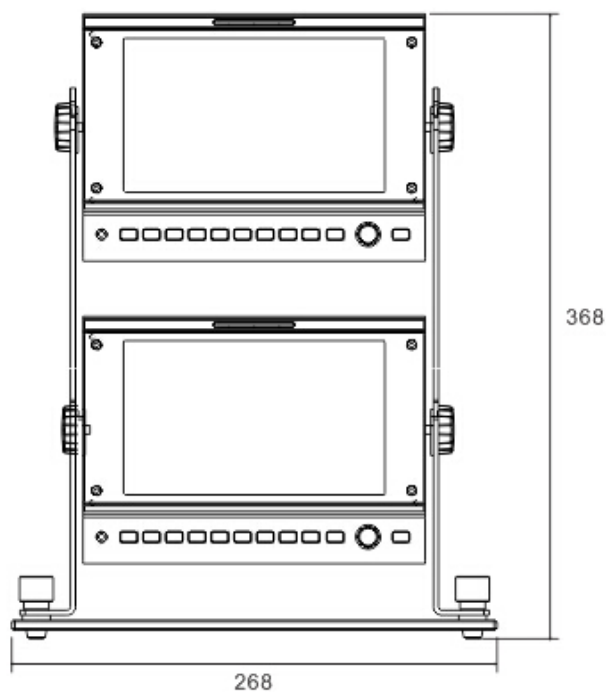
Input voltage	DC 12V 4 pin XLR
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Power consumption (MAX)	≤ 20W
Working temperature	0~10°C
Store temperature	-20-60°C
Store humidity	0%-90% No Condensation

## Structure

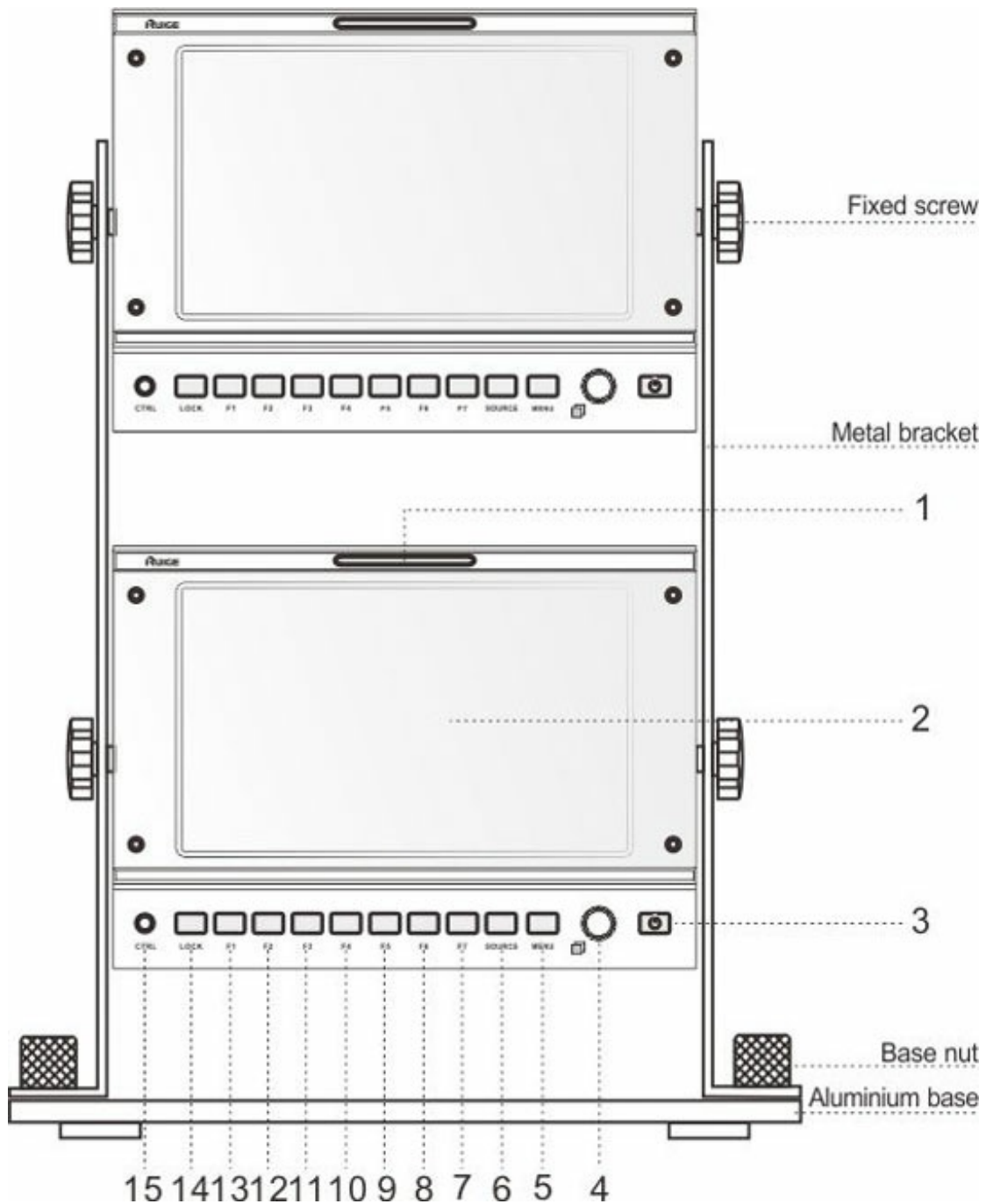
Shell material	Aluminium-magnesium Alloy
Dimension (mm)	L288 x H435 x D256mm
Weight	6.8kg
Installing way	VESA

## Outline size



Show

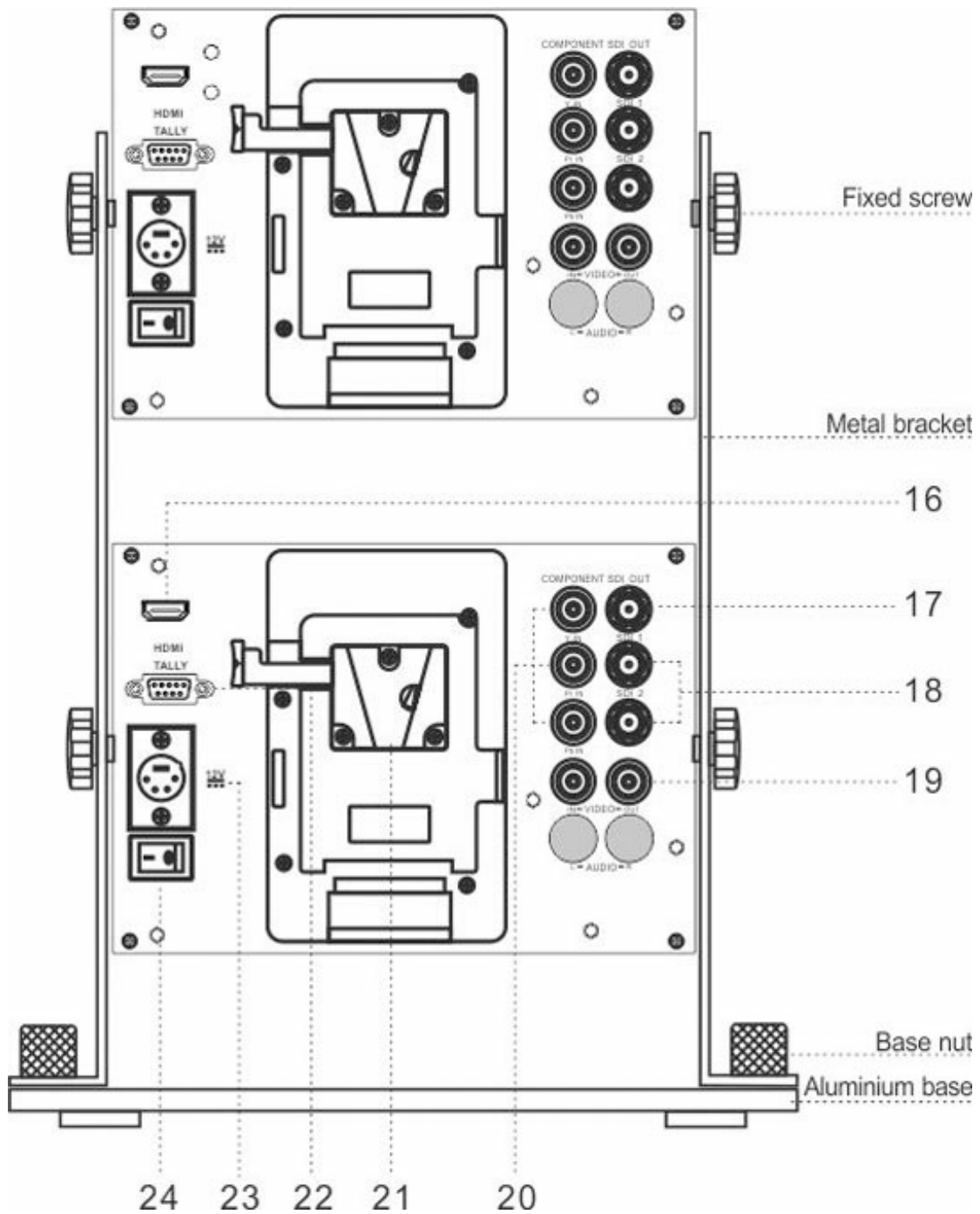
Function sketch ---front view



- 1 TALLY (indicator)
- 2 Protection plate
- 3 Power switch key
- 4 Multiple functions Knob / key
- 5 Main menu
- 6 Input signal switch
- 7 F7-(HIGH LIGHT)
- 8 F6-(COLOR ONLY)
- 9 F5-(FALSE COLORS )
- 10 F4-(FOCUS PEAKING)
- 11 F3-(MARK)
- 12 F2-(SCALING)
- 13 F1-(WAVEFORM)
- 14 Status lock/unlock / Esc
- 15 CTRL-ZOOM jack







- 16 HDMI input
- 17 3G / HD/SD-SDI output
- 18 3G / HD/SD-SDI input
- 19 Composite I/O
- 20 Component (Y / Pr / Pb) input
- 21 Battery adaptor (optional)
- 22 Power switch
- 23 TALLY signal
- 24 DC 12V power input

\* Website link  
 \*\* Specification as per Manufacturer Catalogue Dated: 28/08/2017