



RY900HD 9" Desktop Broadcast Video TFT LCD Monitor

easy to operate, quick and convenient

Consistent style of product design, same system setting for functions and operation mode, which are the key features of this kind of monitors. Users just need understand the operation way of one model, they will be familiar to all series.



Western style

All metal product design, match with solid combined type full aluminum bottom base, which represent the strong, dignified and durable western style.

High quality LCD panel

Mainly Used to field shooting and post editing, our desktop monitors mostly adopt wide color gamut and whole perspective professional LCD panels, which ensure the precise display of image.



Pixel data restore technology (Pixel to Pixel)

Due to the restriction from the screen size and effective pixel, not all the models can display the full HD image. Therefore, iTechLCD desktop monitors are developed the RPD pixel data restore technology (pixel to pixel function). It is used to zoom in the partial screen and reproduce 1080 original pixel. It is very important in the high-end application.





Easy to Operate

These monitors adopt many technology processing mode. We not only improve the setting of the inner functions, but also carry out more user-friendly design for operating system. User can use the Knob type coding switch which control the brightness to adjust the embedded multifunctional menu system .

Lock Key

If the function keys on the panel can not be locked, it would probably cause the bad shooting results due to false operation. All these monitors have lock key function. Just to press the key for 3 seconds, it will enter the lock status automatically. If need unlocked, just press the key again for 3 seconds. When the power in cut off, the lock function is still workable and but not automatically recovery .



Unique multifunctional adjust knob

Each knob on the panel has two functions, take the first knob (BRIGHT) for example, When user switch it to left or right, the image brightness will be changed. When press it, it will enter the main menu interface, then switch it to select what you need in the menu, press the knob again means confirm it. Repetitive operation could complete the adjustment for all OSD functions.



Specification:

Screen size	9"
Resolution	800 (H) ×480 (V)
Dot pitch	0.2327 (H) ×0.2327 (V) mm
Aspect ratio	16:9 / 4:3 switchable
Brightness	250cd/m ²
Contrast	500:1
Response time	10 ms
Viewing angle	H 140° / V 120°
Input voltage	DC12V
Voltage Range	DC 6~36V
Power consumption	≤15W
Installation	Desktop
Unit dimension	L 235×H 168×D 45 mm
Installation dimension	L 268.43×H 198.5×D 75 mm
Weight	2.1 kg

Inputs & Functions:

Model Function		RY900HD	Remark
Video Input	composite	•	BNC×1 line 1.0 Vp-p±3 dB
	SD-SDI	•	BNC×2line
	HD-SDI	•	BNC×2line
	HDMI	•	HDMI×1line
Audio Input		•	RCA×1 line(Dual Channels)
Audio monitoring		•	Rear speaker 2×0.5W (8Ω) Earphone : 3.5mm (standard interface)
SDI embedded Audio		•	PPM / UV
Video output	composite	•	BNC×1 line Loopthrough 7ΩAuto termination
	SD-SDI	•	BNC×1 line
	HD-SDI	•	BNC×1 line
TALLY		•	red/green two colors
Table bracket		•	

RY900HD Functions Table:

Signal Function		SDI1	SDI2	HDMI	COMPOSITE (CVBS)
Safety mark		•	•	•	•
Scaling	16:9,4:3 Auto	•	•	•	•
	Built-in scan, Overscan	•	•	•	•
	Pixel to Pixel	•	•	•	•
Color temperature D93, D65 Custom setting		•	•	•	•
Audio metering display		•	•		
Red/Green two colors TALLY display (hardware)				•	
blue only		•	•	•	•
black and white display		•	•	•	•

Mechanical Drawing:

