

HS3A3 Document Detector

User's Manual



Attentions

- The device belongs to precision photoelectric equipment, please use carefully.
- Please use the power supply adapter supplied with the analyzer.
- Please pluck off the adapter or cut off the power supply when the analyzer has been in idle state for a long time.
- You'd better turn off the switch of the panel after use every time with the indicator light still on, and then turn off the back switch and the indicator light of the panel will go out.
- Set the analyzer in power saving mode, and it will shut down 10 minutes later if you don't operate it in 5 minutes; long-time use of UVC can largely consume the battery power, so continuous use of UVC cannot exceed 3 minutes.
- When it becomes short of power, the analyzer will have alarming tip to warn you to recharge the battery with the adapter in time.
- Light from fluorescent lighting tube UVC (254mm) can be very harmful to human eyes, so don't look up to the lighting tube from bottom or touch it.
- Avoid touching or shaking, don't use in moist environment, and avoid direct sunshine.
- Contact the supplier in the event of a failure; don't disassemble the machine at your own discretion.

I. External Components (as follows)



II. Use Method

1. Independent use

It can be used independently when connecting it to the AC power supply via the adapter and can be recharged in working state. With the built-in alloy battery for power supply, it can work continuously for 2 hours after being fully recharged.

2. Connecting computer

The analyzer can connect to the computer via the USB2.0 interface at the back of the analyzer; you can view, shoot or record the image through the PC software of the

computer, and the images shot and recorded can be kept in JPG format.

III. Product specifications

Sensor: high-pixel CMOS camera

Lens: low distortion infrared lens

Light-filtering system: band-pass filter of visible light, high-pass filter of infrared light.

Camera function: can shoot spectrum pictures, JPG format, 2592(H) × 1944(V) lattice (selective)

Inspection light source: diffuse white light, side shoot white light, diffuse infrared light, side shoot infrared light, flash infrared light, UVA, (UVC, AS laser for optional function)

Amplification factor: 40 times

Field range: 9×7mm

Display: high-definition display screen, 3 inches or 7 inches for external hanging

Size: 86(L) × 69(W) × 85(H) mm

Net weight: 200g

Power supply: DC 5V, 1000mA universal power supply adapter

Optional components: computer USB connector, connecting line and software

IV. Keys Operation

In normal mode:



Turn on/off power supply: power on, power off. Return to initialize check.



In normal mode : Short press, UVA, UVC, Laser signal (selective).



In normal mode □ Top white light, side white light, X axis white light, Y axis white light, XY cyclic light, Previous to light □ cyclic switching



In normal mode □ Infrared top light, infrared side light, Infrared light cross □ blue light (selective) □ cyclic switching .



In normal mode □

Taking pictures and save.



In normal mode:

One to six times the increasing amplifier to check.