

Ultra-wide Multispectral Evidence Searching and Imaging System

OR-GQP4000

Ultra-wide Spectrum Evidence Searching and Imaging System. It works for body fluids, fingerprints on nonporous materials, blood stain on deep color fabrics, questioned document etc at crime scene and to take evidence into photos & videos. Spectral respond range from 180nm to 1100nm, easy take to crime scene investigation. Static camera shoot and dynamic camera shoot from UV light, Visible lights to IR light, a system integrates evidence searching, high definition photo&video and real-time images processing.

1. TECHNICAL DATA

A. Multispectral Light Groups:

Nine-wavelengths Light Group (all-in-one)

- a. 6500K/9W
- b. 532nm/9w
- c. 470nm/9W
- d. 450nm/9W
- e. 415nm/9W
- f. 395nm/9W
- g. 365nm/18W
- h. 940nm/15W
- i. 850nm/15W

Three-wavelengths Lamp Shade Group (all-in-one)

- a. 254nm/8W
- b. 365nm/7W
- c. 450nm/7W



B. Built-in Li batteries, capacity 6Ah

C. The system supports network with 4G SIM card / WIFI / RJ45 and comes with Bluetooth.

D. Comes with recording and speaker function

E. Trace identification mark function

F. Windows 10 operation system

G. Photographing and image processing software

H. Touch screen: 7inch 300'nits 1280*800 , 10-point touch IPS capacitive touch screen

I. SSD solid state drive 128G



J. Internal Storage 4GB

K. TF card slot、SIM card slot、phone out、USB interface、HDMI interface

2. FEATURES

- 1) Portable and easy to take and operation, available for laboratory and crime scene.
- 2) Main system integrates camera lens, light sources groups, filter and main device.
- 3) Remote searching fingerprints/palm prints / footprints on surface of nonporous materials such as wall, plastic steel door & window, stainless steel, reflective mirror, transparent glass, plastic, coated paper, marble, furniture, etc. Taking photos and videos.
- 4) Searching evidences like spatters or dripping bloodstain on deep color cotton clothes, fabrics, black tiles.
- 5) Non destructive locating and photograph evidence traces
- 6) UV 254nm light lamp shade group adopts seal type photograph design, avoids UV light directly touch users, effectively protects users eyes and skins from UV light.
- 7) The background suppression algorithm of software embedded background effectively inhibits the background of different objects, the interference of the fingerprint, the embedded electronic noise reduction algorithm, the electronic noise reduction of the image to improve the quality of the image to make the image more delicate and clear, and the function of embedded image intensifying processing software.

3. MAIN USE:

- 1) Applicable to latent fingerprint/palm print on nonporous object surface, on site photograph, take videos, take evidences. Such as: wall, wood surface, coated paper, glossy paper, adhesive sticker, stainless steel, etc.
- 2) IR light use as excitation light source, check latent bloodstain, questioned document, document examination, bills/cheque/invoices/certificate etc.
- 3) Professional software applicable for criminal photograph and pictures processing. Achieve background removal, screen brightness adjustment, reversed-phase, high sensitivity and high dynamic.

4. MAIN PARTS PACKING

Main host(integrate TABLET, Lens, camera)

Filters system





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Light sources groups

UV protect goggle

Power adapter

Connecting wire

Carrying case(waterproof, shock-resistant,)

