

Dual Camera Multi-spectral Forensic Imaging System

OR-GQP6000

INTRODUCTION:

Dual Camera Multi-spectral Forensic Imaging System, uses Scientific-grade DUAL-image sensor (CMOS sensor), designs with DUAL camera lens and built-in filter wheel.

DUAL camera lens:

- 1, One is IR-UV BW camera, mainly used for UV and IR spectral imaging.
- 2, Another is colored camera, which spectral response range is 400-750nm, mainly used for fluorescence excitation imaging of biological evidences, such as semen, saliva, urine, dandruff, bone/teeth, etc. And also available for examining and imaging those fingerprints treated by Ninhydrine, Rhodamine, Super glue, basic yellow 40, Cyanacrylate and powder suspension, etc.

Adopting high definition touch screen(5inch), DUAL camera lens, Multi-band light sources and filter wheel integrated design. Integrating evidence searching, high definition photographing and pictures real-time processing.

The main device of system is small, easy to take and operated by single person, convenient for users working in crime field.

SPECIFICATION:

1, Wavelengths / power (customizable)

365nm/24W
395nm/9w
420nm/9w
405nm/9w
450nm/12W
520nm/9w
850nm/15W
940nm/15w
6000k/9w

2. Batteries

Built-in Lithium ion battery; Capacity: 3200mAh; Battery Voltage: 8.4V

3. Charging Voltage: DC8.4V/1A, automatic battery charge and discharge management.



SOFTWARE PERFORMANCE:

- i. The system device comes with professional software, supporting photo & video, memoring, etc.
- ii. The device specific distances to search and photograph sweat (palm/finger) prints on non-permeable objects: wall, PVC-steel windows, stainless steel, reflective mirror, transparent glass, plastics, coated paper, marbles, furnitures etc. Also macro imaging extract evidences.

EXTERNAL APPERANCE:

i. It comes with a tripod interface on the underside of device.

ii. External size: L175*W96*H34mm

Camera lens: $\varphi \leq 21\text{mm}$ H: ≤ 40

iii. Net weight: 0.55KG.

