

## Gel Imaging System

### DS810U

The gel imaging system is equipped with a fully automatic computer control system and high-resolution, high-sensitivity imaging components to ensure clear capture of images such as DNA/RNA electrophoresis gel, protein electrophoresis gel, and spot hybridization under low illumination without fear of band loss.

Combined with powerful professional gel image analysis software, it helps molecular biology and clinical researchers to efficiently obtain accurate electrophoresis result images and analysis data.



#### Applications

##### Nucleic acid detection:

Compatible with a variety of nucleic acid dyes, such as EB, Gel Signal Red, Gel Signal Green, SYBR Gold, SYBR Green, SYBR Safe, Gel Star, etc.;

##### Protein detection:

Coomassie brilliant blue gel, silver staining gel, etc.;

##### Other applications:

Culture dish colony imaging, etc.

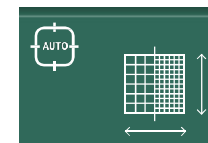


#### High sensitivity and high resolution

Can detect low concentrations of DNA/RNA and identify and distinguish very close bands, low background noise, high dynamic range

#### High-resolution autofocus lens

Provides clear image details, improves operating experience and avoids human operation errors

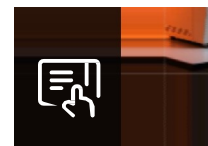


#### Modular design, flexible application expansion

Can choose fluorescence module, white light transillumination module, blue light transillumination module according to experimental needs

#### The software is intuitive and friendly with complete functions

Touch screen/external computer one-key switching solution to meet the operating habits of different users



#### Flexible control method

Touch screen/external computer one-key switching solution to meet the operating habits of different users

Model	DS-810U
Camera	8 megapixels
Lens	High-resolution auto-focus lens
Display	13.3-inch touch screen
Working area	21cm*26cm
LED light source	Built-in LED UV/blue light/white light
LED Lifetime	>30000 h
Max. excitation wavelength	Blue light: 470nm; UV: 302nm
Dimension (LxWxH) mm	400x400x500
Weight	50kg
Power supply	220v; 50/60HZ