

STALWART

Gel Documentation System SKD-Series



SKD-Series

Introduction

DNA/RNA Detection: Various dyes such as: EtBr, Gel Red, SYBR Gold, SYBR Green, Safe, etc.
Protein detection : Coomassie brilliant blue, silver-stained glue and fluorescent dyes.

Features

The Wireless and IOT module (Optional)

Wireless connection to IOT and any smart devices, and supports windows, Mac OS, IOS, android and harmony OS

Super High resolution and QE

Up to 20 Mega pixels physical resolution High QE and up to 85%

Digital Lens

F1.2 motorized Digital lens, digitization of aperture and zoom improves the operation experience and avoids human operation errors.

User Friendly software

User friendly software and intuitive unlimited Software users

Full Open door Design

No light leakage auto UV protection system, orbital UV transilluminator with special UV protection shield provides a spacious field to observe the samples

Specification

Model		SKD-510	SKD-520
CCD	Resolution	5 Megapixels, 2592*1944	20 Megapixels, 4800*4440
	A/D	16bit(65536 Grey Scales)	
	Readout noise	5.1e-RMS	3.1e-RMS
	Quantum Efficiency	>75%	>85%
	SNR	70.1db	75.2db
	Sensitivity	Lower than 10pg EB Stained DNA	Lower than 5pg EB Stained DNA
Lens	Specification	F1.2 motorized digital camera	
	Control	Auto focus and controlled by software	
Light	Epi white light	White LED*2	
Sample Tray	UV Transmission	Orbital UV plate brings uniform light intensity, wavelength 302nm, Dimensio: 21cm*26cm	
	White Led plate	Plug-in white light plate with tempered glass surface, Dimension: 21cm*26cm	
UV Protection	UV Protection shield	Standard UV protection shield	
	System Protection	Time set to turn off UV light automatically	
Software	Image acquisition	Unlimited software users	
	Image analysis	Compatible with Windows and Mac OS	