

SmartView Simple Imager System

MUV-IMG-CA

Major Science offers the SmartView Simple Imager System for your UV or blue light Transilluminator. This unit is designed extremely light in weight and compact in size.

For any lab with limited budget and lab space, the SmartView Simple Imager System is definitely the choice of selection. It is compatible with most transilluminators on the market. (for any maximum viewing size less than 260x210mm)

The digital camera model gives an impressive resolution of 24.1 megapixels, and provides you a PC-free operation environment with high mobility.

Features

- Extremely light weight and compact in size
- Effective Pixels Approx. 24.1 megapixels (Total Pixels Approx. 25.8 megapixels)
- Can be operated PC free
- Optical filters available upon ordering (EtBr, SYBR, and 580nm Amber filter)

Specifications

Camera spec.	
Camera Type	24.1MP digital camera, Wi-Fi function
Effective Pixels	Approx. 24.2 megapixels (Total Pixels Approx. 25.8 megapixels)
Sensor	22.3 x 14.9mm CMOS sensor
Max. Aperture	f/3.5-6.3 (IS STM Lens)
Shutter Speed	1/4000 - 30sec. (available range varies by shooting mode)
Storage Media	SD memory card, Wi-Fi to PC, Smartphone or Tablet
Computer Interface	Hi Speed USB (Micro), HDMI(Micro), WiFi connection
Video Out	Full HD / HD / MP4 / 4K
Image Resolution	(3:2)6000x4000
Lens	35mm film equivalent focal length, approx. 1.6 times the lens focal length
File Format	Designed rule for Camera File system 2.0
Data Type	JPEG, RAW(CR3 14 bit)
	RAW+JPEG simultaneous recording possible
Filter (For Camera, Optional)	"EtBr filter / SYBR Green filter / Amber Filter *ordered separately"
Darkroom	
Dimension (WxLxH)	Approx. 9.3"x12.5"x16.5" (236x317x420mm)
Material	Acrylonitrile Butadiene Styrene (ABS)
Weight	Approx. 3.1lbs. (1.4Kg)
Camera Adapter Material	Aluminum

* iPad and PC not included.

Accessories

Cat. No.	Product Description
Filter (for camera) *ordered separately	
DI-EB49	EtBr filter, 49mm
DI-SG49	SYBR Green filter, 49mm
DI-AM49	Amber filter, 49mm

Ordering Information

Cat. No.	Description
MUV-IMG-CA	SmartView Simple 310 Imager system, with 24.1 MP digital camera
MUV-IMG-CA-01	SmartView 310 holder kit, includes hood and camera adapter only

*Filters are necessary part for Gel Documentation System.

*All filters have to be ordered separately and discuss with local dealer before order.



MUV-IMG-CA

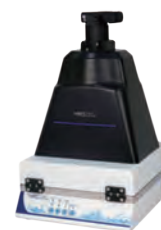


MUV-IMG-CA

MUV-IMG-CA-01



MUV-IMG-CM + MUV series



MUV-IMG-CM + MUVB series

* All images are for reference only, actual products might differ from the pictures above.
* Technical specifications subject to change without notice.

Specifications

Camera Spec.	
Camera Type	24.1MP digital camera, Wi-Fi function
Effective Pixels	Approx. 24.1megapixels (Total Pixels Approx. 25.8 megapixels)
Sensor	22.3 x 14.9mm CMOS sensor
Max. Aperture	f/3.5-6.3 (IS STM Lens)
Shutter Speed	30 - 1/4000 sec (1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)
Storage Media	SD memory card, Wi-Fi to PC, Smartphone or Tablet
Computer Interface	Hi Speed USB (Micro), HDMI(Micro), WiFi connection
Video Out	Full HD / HD / MP4 / 4K
Image Resolution	(3:2)6000x4000
Lens	35mm film equivalent to 1.6x the focal length
File Format	Designed rule for Camera File system 2.0
Data Type	JPEG, RAW(CR3 14 bit) RAW+JPEG simultaneous recording possible
Filter (For Camera, Optional)	"EtBr filter / SYBR Green filter / Amber Filter *ordered separately"
Monitor	
Type	8" TFT LCD Monitor
Resolution	1024x600 pixels
Brightness	300cd / m ²
Constant Ratio	700:1
Display Mode	NTSC / PAL auto switch

DI-01 Spec.	
Multi-Power Source	For camera, Inner light lamp, TFT monitor
Inner White Light	2 white LED, 3 watt/LED
Safety Device	Safety door switch
Dimension (WxLxH)	11.4"x13.3"x15.9" (290x339x403mm)
Material	Painted metal
Rated Voltage	110/220V~, 50/60Hz, 1.6A
Weight	Approx. 12.9lb (5.8kg)
Camera Adapter	Aluminum
DI Darkroom	
Dimension (WxLxH)	11.4"x13.3"x15.7" (290x339x398mm)
Weight	Approx. 11.9lb (5.4kg)

Ordering Information

Cat. No.	Description
DI-01	Digimage System with 24.1 megapixels digital camera
DI-HD	Digimage System without digital camera

Accessories

Cat. No.	Description
DI-DR-E12	DC coupler
DI-WLA3-110/220	White Light Table 297x400mm (110/220V)
DI-WLA4-110/220	White Light Table 210x297mm (110/220V)
DI-WLA6-110/220	White Light Table 105x150mm (110/220V)
Filter (for camera) *ordered separately	
DI-EB49	EtBr filter, 49mm
DI-SG49	SYBR Green filter, 49mm
DI-AM49	Amber filter, 49mm

*Filters are necessary part for Gel Documentation System.

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DI-01 + MUV series



DI-01 + MUVB series



DI-DR-E12



DI-WLA3 (297x400mm)
DI-WLA4 (210x297mm)
DI-WLA6 (105x150mm)



DI-EB49



DI-SG49



DI-AM49

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