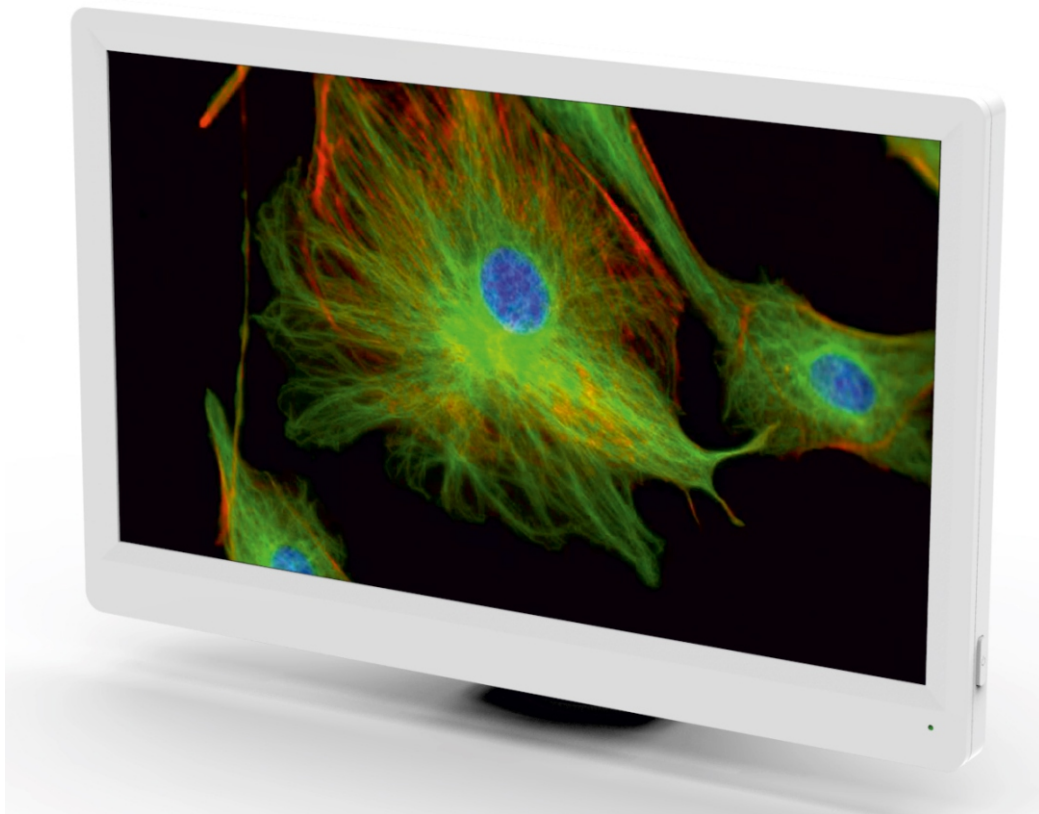


# STALWART

## HD LCD Color Digital Camera SLC-600 Series



SLC-600 Series

## Introduction

SLC-600/SLC-600 PLUS/SLC-600AF HDMI LCD Digital Camera is a brand new high performance and highly cost-effective, super reliable HD LCD camera which combines a full HD camera and a retina HD LCD screen. With the built-in software, the SLC-600/SLC-600 PLUS/SLC-600AF can be controlled by a mouse to take pictures, take videos and do measurement. Equipped with Sony COMS sensor and 11.6" retina HD LCD screen, it is developed specifically for different microscopy applications. SLC-600AF has auto focus and one click focus function.

## Features

- Control camera with mouse from USB port, no shaking.
- 11.6 " retina HD LCD Screen, high definition and high quality color reproduction.
- 6.0MP still image capture and 1080P Video Recording.
- Save image and video to SD card.
- HDMI Output from the camera to the LCD screen, frame rate up to 60fps.
- Also can be connected to PC and take picture, take video, do measurement and analyze images.
- Standard C-mount Interface for different microscopes.
- Measurement function. When it is connected to LCD monitor, SLC-600 has simple measurement function, only can measure line length. SLC-600 PLUS/SLC-600AF has complete measurement function when it is connected to LCD monitor.

## Specification

	Item	SLC-450	STC5F-1800C	STC5F-1560C
HDMI Camera	Image Sensor	CMOS, Sony IMX307		
	Chip Size	1/2.8"		
	Video Resolution	1920 × 1080		
	Captured Image Resolution	3264 × 1836 on SD card to LCD monitor, 1920 × 1080 and 3264 × 1836 with software to PC		
	Frame Rate	1920 × 1080 30fps via USB2.0 1920 × 1080 60fps via HDMI		
	Data Record	High speed SD Card (8G)		
	Video Record	1080p 30fps in SD Card 1080p 30fps in PC		
	Scan Mode	Progressive		
	Electronic Shutter	Electronic Rolling Shutter		
	A/D conversion	8 bit		
	Color Depth	24bit		
	Sensitivity	510mV		
	Dynamic Range	68dB		
	S/N ratio	52dB		
	Exposure time	0.001 sec ~ 10.0 sec		
Exposure	Auto/Manual			

## Specification

	White balance	Auto	
	Settings	Gain,Gamma,Saturation,Contrast, scale bar function	
	Measurement Function when connected to LCD Monitor	Simple measurement function, only line	Complete measurement function, including Anchor Point, Line, Freehand Line, Rectangle, Circle, Polygon, Point-line Distance, Concentric Circles, Bicircle, Angle etc.
	PC software	Capture2.0	
	Output model 1	USB2.0	
	Output model 2	HDMI	
	System Compatible	Windows XP/Vista/Win 7/10(32 and 64-bit ), MAC OSX	
	Optical port	C- Mount	
	Power Supply	DC 12V /2A	
	Operational Temperature	0-60°C	
	Humidity	45%-85%	
	Storage Temperature	-20-70°C	
Retina Screen	Screen Size	11.6 inch	
	Aspect Ratio	16:9	
	Display Resolution	1920 × 1080	
	Display Type	IPS-Pro	
	Brightness	320cd/m2	
	Static Contrast Ratio	1000:1	
	Input	1*HDMI Port	
	Power Supply	DC 12V /2A External Adapter	
	Dimension	282mm×180.5mm×15.3mm	
	Net Weight	600g	

## Application

SLC-600/SLC-600+/SLC-600AF HDMI LCD digital camera can be widely used in medical diagnosis, industrial production and inspection, laboratory research and related microscopy field for image, video capture and analysis. With the high image quality and easy to operate, it will be your best assistant.

- Live Cell Imaging
- Surgical Microscopic Imaging
- Pathology
- Cytology
- Defect Analysis
- Semiconductor Inspection
- Navigation for Processed Imaging
- Industrial Optical HD Digital Imaging
- Astronomical Observation