STALWART

Tablet Color Digital Camera
SLC-350 Plus

SLC-350 Plus

Introduction

SLC-350 PLUS is a new generation tablet camera with latest technology. Equipped with international standard C-type interface, it can be conveniently thread on C-mount coupler and eyepiece adapter. It is compatible with the monocular, binocular, trinocular and any kind of microscopes, such as biological, stereo, video, polarizing, metallurgical microscopes or telescopes.

Features

- Complete Application Functions, Not Only Camera, Also Tablet PC!
- High Resolution Image Sensor, Good Color Rendition and Definition, 1/2.5 " CMOS Sensor, 2592*1936.
- Captured Image Resolution is 4032*3024 (Max, by interpolation).
- 9.7inch 2048*1536 HD Color Retinal LCD, Can be Operated by USB Keyboard and Mouse.
- Android 5.1Operating System.
- RK3288 Quad Core 1.8Hz CPU.
- External 32G C10 High-speed TF Memory Card.
- Wi-Fi and Bluetooth Ready.
- Build-in Microscopy Software for Capture/Record Images and Measurement.
- Standard C-mount Interface.

Specification

	Item	SLC-350 Plus
Hardware	CPU	RK3288 Quad Core 1.8Hz
	Display	9.7inches 2048*1536 Color LCD, 5points Capacitance Touch Screen
	Storage	RAM 2GB DDR3
		ROM 8GB
		Support External TF Memory Card, Maximum Capacity Up to 32GB
	Camera	Frame Rate: 30pfs(Max)
Housing Abs+ PC Plastic Housing+ Aluminum Back Case, Metal Stand	Housing	Abs+ Metal Housing, Metal Stand
	Network	WI-FI
		Bluetooth
	I/O	USB/Mini-USB(OTG), Support USB Keyboard and Mouse
		TF Memory Card Slot
		DC12V 2A Power
		Built-in Microphone
		On/Off Button
		HDMI Output
Software	Operating System	Android 5.1
	Banding Software	Build-in Microscopy Software

Build in Camera Specification	
Sensor Size	1/2.5-inch (4:3),
	5.70mm(H) *4.28mm(V)
	7.13mm(diagonal)
Active Pixels	2592H*1944
Pixel Size	2.2um *2.2um
Captured Image Resolution	4032*3024 (Max, by interpolation)
Preview Frame Rate	30fps @1024*768; 15fps@2048*1536/1600*1200
Video Resolution	1024*768
Dynamic Range	66.5dB
SNR	40.5dB
A/D Converter	12-bit, On-chip
Sensitivity	0.53V/lux-sec (550nm)
Shutter	Electronic Rolling Shutter (ERS)
White Balance	Auto/Manual
Exposure Model	Auto/Manual
Parameter Adjustment	Brightness/ Contrast/ Saturation/ Sharpness /Gamma Adjustment
Flip and Mirror Functions	Rotate the Image Horizontally or Vertically

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