

# STALWART

## CMOS Color Microscope Digital Cameras STC2 Series



STC2 Series

## Introduction

STC2 Series digital cameras are mainly designed for microscopes to capture microscope images, videos and display real-time live video on your PC screen. Each package comes with a high-resolution digital camera, a reduction lens, a user-friendly software and a 30mm adapter. 30.5mm adapter is optional.

## Features

- With high resolution sensor, providing high quality image and widely used in academic and medical field for high precision and resolution image capturing and processing;
- Very convenient to Use, just insert it into Eyepiece Tube or Top Tube of Trinocular Head;
- Getting Real-time and Non-compressing Video Data and Capturing Image Directly;
- Easy and fast software installation;
- User-friendly image processing software with measurement function;
- Multi-Language software (Chinese, English, German, French, Japanese, Polish, Arabic);
- Compatible with Windows 2000/ XP/ Vista/Win7/Win 8/Win 10/Mac.

## Specification

Item	STC2-130C	STC2-320C	STC2-500C
Image Sensor	1/3 inch 1.3MP CMOS Sensor	1/2 inch 3.2MP CMOS Sensor	1/2 inch 5.0MP CMOS Sensor
Active pixels	1280×1024	2048×1536	2592×1944
Pixel size	5.2µm×5.2µm	3.2µm × 3.2µm	2.2µm×2.2µm
Frame rate	15fps@1280×1024	9fps@ 2048×1536	9fps@ 2048×1536
Sensitivity	>1.0 V/lux-sec (550nm)	>1.0V/lux-sec (550nm)	>0.53V/lux-sec (550nm)
Dynamic range	61dB		
SNR	43dB		
Shutter type	Electronic rolling shutter		
Operating Temperature	0°C ~ 60°C		
Image Output	USB2.0, 480Mb/s		
Software	ScopelImage 9.0		
Operating System	Windows 2000/ XP/ Vista/Win7/Win 8/Mac		