

# STALWART

**USB digital microscope  
STM-220**



STM-220

## Introduction

STM-220 USB digital microscope provides powers from 10× to 200× with 2.0MP Image sensor. It is ideally suited for Medical, Industrial Inspection, Engineering, educational and Science Applications to examine coins, stamps, rocks, relics, insects, plants, skin, gems, circuit boards, various materials and many other objects. A rugged, metal stand is included for holding the microscope steady at various positions for viewing and/or imaging. With the included software, you can oSTMerve the magnified images, capture video, take snapshots and do measurement with Windows Win7, Win 8, Win 10 32bit&64 bit, Mac OS X 10.5 or above Operation system

## Features

- Excellent optical function with infinite optical system
- Innovative stand structure, Easy to use portable digital microscope with USB output interface.
- 10× to 200× Magnification.
- Real 2.0 Mega Pixels CMOS sensor.
- Manual Focus from 10mm to 500mm.
- LED illumination with 8pcs LED lamps, brightness adjustable.
- Photo management software, Auto White Balance and Exposure.
- Powered by USB 2.0 cable, 5V DC.
- Metal stand to hold the microscope steady.
- Multi-language support: English, Germany, Spanish, French, Russian.
- Operating System: Windows Win7, Win 8, Win 10 32bit&64 bit, Mac OS X 10.5 or above. sharp image display, convenient and special for viewing incubating cell tissue

## Specification

Item	STM-220
Image Sensor	2.0 Mega Pixels CMOS sensor
Image Capture Resolution	1920×1080, 1280×720, 640×480
Video Capture Resolution	1920×1080, 1280×720, 640×480
Focus Range	Manual Focus From 10mm to 500mm
Frame Rate	Max. 30f/s under 600 Lus Brightness
Magnification Ratio	10× to 200×
Video Format	AVI format
Still Image Format	JPEG or BMP
Light Source	8 LED (adjustable by control wheel)
PC Interface	USB 2.0
Power Supply	5V DC from USB port
Operation System	Windows Win7, Win 8, Win 10 32bit&64 bit, Mac OS X 10.6 or above
OSD Language	English, Deutsch, Spanish, Russian, Italian, French, Portuguese, Dutch, Polish, Japanese, Korean, Chinese
Bundled Software	MicroCapture Plus (with measurement for Win/Mac)

## Specification

Size	110mm(L) × 33mm(R)
Weight	160g
Package Content	Digital microscope with USB cable, Metal Stand, User Manual, CD with Software
Packing Info	Gift box, 20pcs/carton, 8.2kgs/carton, carton size: 45.5×34.5×30.0cm

## Application

STM-220 USB digital microscope can be used for: Hobbyists, Educators, Medical LaSTM, Industrial Inspection, Engineering Applications, Teachers, Students, Science Applications, Doctor's Offices, Police Agencies, Government Testing, and general use by consumers. It is ideally suited for examining solid objects such as coins, stamps, rocks, relics, insects, plants, skin, gems, circuit boards, various materials, and many other objects.

## Sample Pictures

