



Moticam **1**

Sensor Type	CMOS
Sensor Size	1/2.9"
Resolution	1 MP
Imaging Area	5.51mm x 3.10mm
Live Display Mode (through USB)	1280 x 720 @ 30 fps*
Pixel Size	4.20µm x 4.20µm
Scan Mode	Progressive
Data Transfer	USB 2.0
Operating Temperature	From -30 to +80 Degrees Celsius non condensing
Max. Signal to Noise Ratio	41.9dB
Dynamic Range	64.8dB
Sensitivity	4,6V/Lux-sec (550nm)
Support Device	Twain and Direct Show Driver
Supported OS	Microsoft Windows XP/Vista/7/8/10 and MAC OSX & Linux
Minimum Computer Requirements	2GHz multicore – RAM memory 2GB – Video memory min. 512 MB
Lens Mount	C-Mount
Focusable Lens	12mm
Power supply	5V (USB - supply)
Package Includes	CS Ring Adaptor, Focusable Lens, 30mm and 38mm Eyepiece Adapters, USB 2.0 Cable, Calibration Slide, Macro Tube, Motic Images Plus 3.0 for PC/OSX/Linux

**frames per second under optimal illumination conditions*