



# Moticam **580**

<b>Sensor Type</b>	CMOS
<b>Optical Format</b>	1/2.5"
<b>Capture Format on SD-card</b>	Still image 2592 X 1944 (5.0MP) / Video HD 1080p
<b>Active Resolution through USB</b>	1280 x 960 (1.3 MP) @ 15 fps*
<b>Active Resolution through HDMI</b>	1920 x 1080 (HD) @ 30 fps*
<b>Interface Connection</b>	HDMI (1080i), AV and USB
<b>Operation Mode (HDMI-AV)</b>	Remote control or integrated buttons on camera
<b>Pixel Size</b>	2.2µm x 2.2µm
<b>Imaging Area</b>	5.70mm x 4.28mm
<b>Scan Mode</b>	Progressive
<b>Operating Temperature</b>	-30 to +70 Degrees Celsius non condensing
<b>Max. SNR</b>	38.1dB
<b>Dynamic Range</b>	70.1dB
<b>Slot</b>	for SD Card (max 32Gb)
<b>Supported OS</b>	Microsoft Windows XP/Vista/7; Apple Mac OSX
<b>Support Device</b>	TWAIN and Direct Show Driver
<b>Package Includes</b>	Remote Control CS Ring Adaptor 12mm Focusable Lens 30mm and 38mm Eyepiece Adapters Mini HDMI Cable USB 2.0 Cable AV Cable Calibration Slide Macro Tube Motic Images Plus 2.0 for PC and OSX



\*frames per second under optimal illumination conditions