



MOTICAMPRO282B

Colour / Peltier cooled

Sensor Type	CCD Sony ICX
Sensor Size	2/3"
Resolution	5.0 Mp
Total pixels (Active pixels)	2588X1960 (2580X1944)
Live Display Mode	2560X1920 @ 7 fps* 1280X960 640X480 ROI mode
Pixel Size	3.40µm X 3.40µm
Colour/Monochrome	Colour
Peltier Device	Up to 10° Celsius below ambient
Scan Mode	Frame Readout
Data Transfer	USB2.0
Exposure Time	0,26 msec to 6 sec
Buffer	4 Frames
Integrated Filter	Schott BG 40 Bandpass
Bit Depth	8 bits / 12 Bits (Switchable through MI Device, useable with application software that supports 12 Bit)
Shutter	Continuous Variable-Speed
Trigger	Trigger Port (TTL)
Power Supply	Universal Power Supply (5V)
Operating Temperature	0 ~ 60° C
Operating Humidity	40% - 80% (35°)
Camera Data Readout	Sensor Temp, Ambient Temp, Relative Humidity, Dew Point
Dimensions	117mm (L) X 65mm (W) X 62mm (H)
Weight	546 grams
Support Device	Driver USB2 Device / TWAIN / SDK / Direct Show Driver
Supported OS	Microsoft Windows XP/Vista/7/8 and MAC OSX
Minimum Computer Requirements	2GHz multicore – RAM memory 2GB – Video memory min. 512 MB
Lens Mount	C-Mount
Package Includes	CS Ring Adaptor, USB 2.0 Cable, Calibration Slide, Universal Power Adapter for cooling, Motic Images Plus 2.0 for PC and OSX, Motic Images Advanced 3.2 for PC

*frames per second under optimal illumination conditions