

SPECIFICATION - DATENBLATT - ADATLAP

MiqroQ-PRO 1,3 Mpixel (2012-August)	
Sensor Model	APTINA MT9M111
Scan Mode	Progressive
Max. Resolution	1280 x 1024 (Approx. 1,300,000 Pixels)
Sensor Size	1/3" (4.60mm(H) x 3.70mm(V), Diagonal 5.9mm)
Pixel Size	3.6µm x 3.6µm
Responsivity	1.0v/lux-sec (550nm)
DynamicRange	71dB
A/D Converter	10-bit, 8-Bit R.G.B to PC
SN Ratio	44dB
Spectral Range	400-650nm (with IR-filter)
Frame Size and Rate	10fps @1280 x 1024, 20fps @640 x 512, 40fps @320 x 256
Binning	1 x 1, 2 x 2, 4 x 4
Exposure	Electronic Rolling Snap(ERS),0.140~2000ms,ROI Auto & Manual
Color Rendering Technique	Ultra Fine™ Color Engine
White Balance	One Push ROI White Balance/ Manual Temp-Tint Adjustment
Capture/Control API	Native C/C++ SDK, DirectShow, Twain
Capture Mode	Still Picture and Video
Software Environment	
Operating System	Microsoft® Windows® XP / Vista / 7 (32 & 64 bit) MAX(OS) - coming soon! Linux - coming soon!
PC Requirements	CPU: Equal to Intel Core2 2.8GHz or Higher
	Memory:2GB or More
	USBPort:USB2.0 High-speed Port
Operating Environment	
Operating Temperature	-10~60°C
Storage Temperature	-30~80°C
Operating Humidity	30~80%RH
Storage Humidity	10~60%RH
Power Supply	Over USB Port