

SPECIFICATION - DATENBLATT - ADATLAP

MiqroQ-PRO 5,0 Mpixel (2012-August)	
Sensor Model	APTINA MT9P001
Scan Mode	Progressive
Max. Resolution	2592 x 1944 (Approx.5,040,000 Pixels)
Sensor Size	1/2.5" (5.70mm(H) x 4.28mm(V), Diagonal 7.13mm)
Pixel Size	2.2µm x 2.2µm
Responsivity	0.53v/lux-sec (550nm)
DynamicRange	66.5dB
A/D Converter	12-bit, 8-Bit R.G.B to PC
SN Ratio	40.5dB
Spectral Range	400-650nm (with IR-filter)
Frame Size and Rate	2fps @2592 x 1944, 8fps @1280 x 960, 24fps @640 x 480
Binning	1 x 1, 2 x 2, 4 x 4
Exposure	Electronic Rolling Snap(ERS),0.21~2000ms,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) OS X (MAC OS X) Linux (Kernel 2.6 or Above)
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	-30~70°C
Storage Temperature	-40~125°C
Operating Humidity	30~80%RH
Storage Humidity	10~60%RH
Power Supply	Over USB Port