

## SPECIFICATION - DATENBLATT - ADATLAP

<b>MiqroQ-PRO 3,2 Mpixel (2012-August)</b>	
Sensor Model	APTINA MT9T001
Scan Mode	Progressive
Max. Resolution	2048 x 1536 (Approx.3,200,000 Pixels)
Sensor Size	1/2" (6.55mm(H) x 4.92mm(V), Diagonal 8.19mm)
Pixel Size	3.2µm x 3.2µm
Responsivity	1.0v/lux-sec (550nm)
DynamicRange	61dB
A/D Converter	10-bit, 8-Bit R.G.B to PC
SN Ratio	43dB
Spectral Range	400-650nm (with IR-filter)
Frame Size and Rate	4fps @2048 x 1536, 12fps @1024 x 768, 20fps @680 x 510
Binning	1 x 1, 2 x 2, 3 x 3
Exposure	Electronic Rolling Snap(ERS),0.128~2000ms, 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
<b>Software Environment</b>	
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
<b>Operating Environment</b>	
Operating Temperature	-0~60°C
Storage Temperature	-40~125°C
Operating Humidity	30~80%RH
Storage Humidity	10~60%RH
Power Supply	Over USB Port