

SPECIFICATION - DATENBLATT - ADATLAP

MiqroQ-PRO 8,1 Mpixel (2012-August)	
Sensor Model	NA
Scan Mode	Progressive
Max. Resolution	3264 x 2448 (Approx.8,000,000 Pixels)
Sensor Size	1/2.5" (5.451mm(H) x 4.088mm(V), Diagonal 6.813mm)
Pixel Size	1.67µm x 1.67µm
Responsivity	0.31v/lux-sec (550nm)
DynamicRange	65.2dB
A/D Converter	12-bit, 8-Bit R.G.B to PC
SN Ratio	34dB
Spectral Range	400-650nm (with IR-filter)
Frame Size and Rate	1fps @3264 x 2448, 3fps @1600 x 1200, 10fps @800x600
Binning	1 x 1, 2 x 2, 4 x 4
Exposure	Electronic Rolling Snap(ERS),0.38~2000ms, 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	-40~85°C
Operating Humidity	30~80%RH
Storage Humidity	10~60%RH
Power Supply	Over USB Port