



HARDWARE CONFIGURATION

Image Pickup Device	Apina MT9P006 CMOS Sensor(Color)
Scan Mode	Progressive
Max.Resolution	2560 x1922 (Approx. 5,000,000 Pixels)
Sensor Size (Diagonal)	1/2.5" (5.7mm(H) x 4.28mm(V), Diagonal 7.13mm)
Pixel Size	2.2 μ m x 2.2 μ m
Imaging Area	5.632mm(H) x 4.228mm(V)
Dynamic Range	67.74dB
A/D Converter	12-bit on Board, 8-bit R-G-B Processed
Video Format & Max.Frame Rate	14.2fps @2560 x 1922, 38.3fps @1280 x 960, 101.2fps @640 X 480
Binning	1 x 1, 2 x 2, 4 x 4
Exposure	0.05ms~2s, ROI Auto & Manual
White Balance	ROI White Balance/ Manual Temp Tint Adjustment
Color Rendering Technique	Ultra-Fine™ Color Engine
Capture/Control API	Native C/C++, C#, DirectShow, Twain and Labview
Recording System	Still Picture and Movie
Cooling System*	Natural

SOFTWARE ENVIRONMENT

Operating System	Microsoft® Windows® XP / Vista / 7 / 8 (32 & 64 bit)
Requirements	CPU: Equal to Intel Core2 2.8GHz or Higher
	Memory: 2GB or More
	USB Port: USB3.0 High-speed Port
	Display: 17" or Larger
	CD-ROM