



Configuration:

TECHNIQUE DATA SHEET

**Pro-MicroScan #5821**

Part Number	Description	Qty.
CAMA15821	[CAMERA TYPE] 1.3M Pixels eyepeice camera	1
CAMAC0058	[USB2.0 CABLE] High-Speed USB2.0 Cable with mini interface	1
CAMAC0011	[LENS COVER] Ø23.2mm rubber cover	1
CAMAC0012	[ADAPTOR] Ø23.2mm to Ø30.0mm, Ø23.2mm to Ø30.5mm	Optional
HARDWARE INFO. [SENSOR] 1/4" APTINA Color CMOS sensor		
[OPTIC SYSTEM] Simply, 400-650nm IR-cuter		
[DSP]Low cost Simply DSP w/o color engine		
Simply plastic tube Ø30 mm (D) X 63 mm (H)		
EVA/carton package 14.3 cm (L)X 9.8 cm (W) X 5.5 cm (H)		
Body Dia: 1.06" / 27 mm (D)		
Body Height: 1.80" / 45.8 mm (H)		
USB cable length: 59.1" / 1.5 m		
Weight(w/ USB cable): 0.18 lbs / 80 g		
Gross weight(Simply packing): 0.22 lbs / 100 g		
Gross weight(Standard packing): 0.55 lbs / 250 g		
PRODUCT INFO		

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Operating Environment	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C - 60°C (-4°F to 140°F)
Operating Humidity	30%~90%
Storage Humidity	10%~90%
Power Supply	DC 5V from PC USB port
Hardware Informations	
Sensor MFG	APTINA (U.S.A)
Image Pickup Device	APTINA Super Color CMOS
Max.Resolution	Approx.1,300,000 Pixels
Recording System	Still Picture and Movie
Sensor Model	N/A
Sensor Size	1/4"
Optical Input Window	Fused silica
Pixel Size	2.8µm x 2.8µm
Video Mode	1280 x 1024 15fps,1280 x 960,1024 x 768,800 x 600,640 x 480 30fps,352 x 288,320 x 240...
A/D	8bit
Peak Quantum Efficiency	20%
Dynamic Range	68dB
Sensitivity	1.0v/lux-sec @550nm
Spectral Range	380-1000nm(w/o IR cut) , 400-650nm (with IR cut)
Exposure Time	Automatic
Exposure	Electronic Rolling Snap(ERS)
ROI(Region of Interest)	N/A
Software Environment	
Operating System	Microsoft® Windows2003/XP/Vista/2008 32bit and 64bit
Basic PC	CPU:Equal to Inter Pentium4 1.8GHz or higher Memory:512MB or more USB port:USB2.0 high speed port Display:17" or larger

