



Configuration:

TECHNIQUE DATA SHEET

**Pro-MicroScan #5820**

Part Number	Description	Qty.
CAMA15820	[CAMERA TYPE] 350K Pixels eyepiece 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		
PACKING INFO. 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)		
PRODUCT INFO 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		

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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 Color CMOS
Max.Resolution	Approx.350,000 Pixels
Recording System	Still Picture and Movie
Sensor Model	N/A
Sensor Size	1/4"
Optical Input Window	Fused silica
Pixel Size	6µm x 6µm
Video Mode	640 x 480 30fps;352 x 288,320 x 240,176 x 144,160 x 120,
A/D	8bit
Peak Quantum Efficiency	20%
Dynamic Range	60dB
Sensitivity	2.0v/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
<b>Software Environment</b>	
Operating System	Microsoft® Windows2003/XP/Vista/2008
Basic PC	32bit and 64bit
	CPU:Equal to Inter Pentium4 1.8Ghz or higher
	emory:512MB or more
	USB port:USB2.0 high speed port
	Display:17" or larger

