



PRODUCT SKU#	93709	93711	95518	95519	95508	95509
Product Name	NexImage	NexImage 5	NexImage Burst Color	NexImage Burst Monochrome	Skyris 132C	Skyris 132M
Power Requirements	Powered by USB	Powered by USB	Powered by USB	Powered by USB	Powered by USB	Powered by USB
USB	USB 2.0, 3.6' cable length (cable permanently fixed to housing)	USB 2.0, 5' cable length	USB 2.0, 5' cable length	USB 2.0, 5' cable length	High-speed USB 3.0, cable 10' long, USB 2.0 back-compatible	High-speed USB 3.0, cable 10' long, USB 2.0 back-compatible
Camera Housing Construction	Polycarbonate	ABS with aluminum connection ring	ABS with aluminum connection ring	ABS with aluminum connection ring	Extruded aluminum with integral heat sink fins	Extruded aluminum with integral heat sink fins
Optical Window	IR Cutoff Filter	IR Cutoff Filter	IR Cutoff Filter	None	None	None
Pixel Size	3.0 Micron Square	2.2 Micron Square	3.75 Micron Square	3.75 Micron Square	3.75 Micron Square	3.75 Micron Square
A/D Conversion	10 bit	12 bit	12 bit	12 bit	12 bit	12 bit
Imaging Sensor	Novatek NT99140 1/4" HD CMOS	Micron MT9PD31 CMOS	Aptina ARO132AT CMOS	Aptina ARO132AT CMOS	Aptina ARO132AT CMOS	Aptina ARO132AT CMOS
Color or Monochrome?	Color	Color	Color	Monochrome	Color	Monochrome
Camera Resolution (in pixels)	1280 x 720	2592 x 1944	1280 x 960	1280 x 960	1280 x 960	1280 x 960
Total number of pixels	0.9 Mp	5.0 Mp	1.2 Mp	1.2Mp	1.2 Mp	1.2 Mp
Mounting	1.25" barrel	1.25" barrel and C-thread	1.25" barrel and C-thread	1.25" barrel and C-thread	1.25" barrel and C-thread	1.25" barrel and C-thread
Sensor Size	3.86 mm x 2.18 mm	5.7 mm x 4.28 mm	4.8 mm x 3.6 mm	4.8 mm x 3.6 mm	4.8 mm x 3.6 mm	4.8 mm x 3.6 mm
Shutter	Electronic Rolling Shutter	Electronic Rolling Shutter	Electronic Rolling Shutter	Electronic Rolling Shutter	Electronic Rolling Shutter	Electronic Rolling Shutter
Software Compability	iCap, IC Capture, DirectShow	iCap, IC Capture, DirectShow	iCap, IC Capture, DirectShow, FireCapture	iCap, IC Capture, DirectShow, FireCapture	iCap, IC Capture, DirectShow, FireCapture	iCap, IC Capture, DirectShow, FireCapture
Operating Environment	-30°C to 70°C	-30°C to 70°C	-40°C to 40°C	-40°C to 40°C	-40°C to 40°C	-40°C to 40°C
Sub Framing	Hardware Selectable	Hardware Selectable	Hardware Selectable	Hardware Selectable	Hardware Selectable	Hardware Selectable
Exposure Range	0.0001 to 30 seconds	0.0001 to 30 seconds	0.0001 to 1 second	0.0001 to 1 second	0.0001 to 1 second	0.0001 to 1 second
Frames per Second	Up to 30	6.23 to 52.37 at the lowest resolution, 0.71 to 5.99 at the highest resolution	Over 120 (30 fps at full frame)	Over 120 (30 fps at full frame)	Up to 200 (60 fps at full frame)	Up to 200 (60 fps at full frame)
Weight	2.4 oz (68 g)	2.0 oz (57 g)	2.0 oz (57 g)	2.0 oz (57 g)	3.6 oz (102 g)	3.6 oz (102 g)
Recommended / Best Usage	Getting started in planetary imaging	Getting started in lunar, solar, and planetary imaging	Planetary and lunar imaging	Planetary and lunar imaging	Advanced planetary and lunar imaging	Advanced planetary and lunar imaging
Key Features	Low cost camera perfect for planetary imaging.	5.0 MP resolution at low cost. Larger sensor is great for lunar and solar imaging.	Best color planetary/lunar camera available for under \$280. Very sensitive, very fast, low cost.	Best planetary/lunar camera available for under \$280. Very sensitive, very fast, low cost.	Best color planetary/lunar camera available for under \$450. Very sensitive, hyper-fast USB 3.0, relatively low cost.	Best planetary/lunar camera available for under \$450. Very sensitive, hyper-fast USB 3.0, relatively low cost.
Recommended Accessories	-	-	-	Skyris Filter Wheel, LRGB Filter Set	Skyris IR-Cut Filter	Skyris Filter Wheel, LRGB Filter Set



PRODUCT SKU#	95506	95507
Product Name	Skyris 236C	Skyris 236M
Power Requirements	Powered by USB	Powered by USB
USB	High-speed USB 3.0, cable 10' long, USB 2.0 back-compatible	High-speed USB 3.0, cable 10' long, USB 2.0 back-compatible
Camera Housing Construction	Extruded aluminum with integral heat sink fins	Extruded aluminum with integral heat sink fins
Optical Window	None	None
Pixel Size	2.8 Micron Square	2.8 Micron Square
A/D Conversion	12 bit	12 bit
Imaging Sensor	Sony IMX236LQJ CMOS	Sony IMX236LQJ CMOS
Color or Monochrome?	Color	Monochrome
Camera Resolution (in pixels)	1920 x 1200	1920 x 1200
Total number of pixels	2.3 Mp	2.3 Mp
Mounting	1.25" barrel and C-thread	1.25" barrel and C-thread
Sensor Size	5.44mm x 3.42mm	5.44mm x 3.42mm
Shutter	Electronic Rolling Shutter	Electronic Rolling Shutter
Software Compability	iCap, IC Capture, DirectShow, FireCapture	iCap, IC Capture, DirectShow, FireCapture
Operating Enviroment	-40°C to 40°C	-40°C to 40°C
Sub Framing	Hardware Selectable	Hardware Selectable
Exposure Range	0.0001 to 10 seconds	0.0001 to 10 seconds
Frames per Second	Up to 200 (60 fps at full frame)	Up to 200 (60 fps at full frame)
Weight	3.6 oz (102 g)	3.6 oz (102 g)
Recommended / Best Usage	Advanced planetary and lunar imaging	Advanced planetary and lunar imaging
Key Features	Small pixels, high resolution, ultra-sensitive, best performing planetary camera.	Small pixels, high resolution, ultra-sensitive, best performing planetary camera.
Recommended Accessories	Skyris IR-Cut Filter	Skyris Filter Wheel, LRGB Filter Set