



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 AR0132AT CMOS	Aptina AR0132AT CMOS	Aptina AR0132AT CMOS	Aptina AR0132AT 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 Enviroment	-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 30 seconds	0.0001 to 30 seconds
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 (60fps at full frame)	Up to 200 (60fps 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#	95510	95511	95512	95513	95514	95515
Product Name	Skyris 618C	Skyris 618M	Skyris 445C	Skyris 445M	Skyris 274C	Skyris 274M
Power Requirements	Powered by USB	Powered by USB	Powered by USB	Powered by USB	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	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	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	Extruded aluminum with integral heat sink fins	Extruded aluminum with integral heat sink fins	Extruded aluminum with integral heat sink fins	Extruded aluminum with integral heat sink fins
Optical Window	None	None	None	None	None	None
Pixel Size	5.6 Micron Square	5.6 Micron Square	3.75 Micron Square	3.75 Micron Square	4.40 Micron Square	4.40 Micron Square
A/D Conversion	12 bit	12 bit	12 bit	12 bit	12 bit	12 bit
Imaging Sensor	Sony ICX618AQA CCD	Sony ICX618ALA CCD	Sony ICX445AQA CCD	Sony ICX445ALA CCD	Sony Super HAD ICX274 CCD	Sony Super HAD ICX274 CCD
Color or Monochrome?	Color	Monochrome	Color	Monochrome	Color	Monochrome
Camera Resolution (in pixels)	640 x 480	640 x 480	1280 x 960	1280 X 960	1600 x 1200	1600 x 1200
Total number of pixels	0.3 Mp	0.3 Mp	1.2 Mp	1.2 Mp	1.9 Mp	1.9 Mp
Mounting	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	1.25" barrel and C-thread
Sensor Size	4.46 mm x 3.80 mm	4.46 mm x 3.80 mm	6.26 mm x 5.01 mm	6.26 mm x 5.01 mm	8.50 mm x 6.80 mm	8.50 mm x 6.80 mm
Shutter	Global Shutter	Global Shutter	Global Shutter	Global Shutter	Global Shutter	Global Shutter
Software Compability	iCap, IC Capture, DirectShow, FireCapture	iCap, IC Capture, DirectShow, FireCapture	iCap, IC Capture, DirectShow, FireCapture	iCap, IC Capture, DirectShow, FireCapture	iCap, IC Capture, DirectShow, FireCapture	iCap, IC Capture, DirectShow, FireCapture
Operating Enviroment	-40°C to 40°C	-40°C to 40°C	-40°C to 40°C	-40°C to 40°C	-40°C to 40°C	-40°C to 40°C
Sub Framing	Selectable	Selectable	Selectable	Selectable	Selectable	Selectable
Exposure Range	0.0001 to 30 seconds	0.0001 to 30 seconds	0.0001 to 30 seconds	0.0001 to 30 seconds	0.0001 to 30 seconds	0.0001 to 30 seconds
Frames per Second	Up to 120	Up to 120	Up to 30	Up to 30	Up to 20	Up to 20
Weight	3.6 oz(102 g)	3.6 oz(102 g)	3.6 oz(102 g)	3.6 oz(102 g)	3.6 oz(102 g)	3.6 oz(102 g)
Recommended / Best Usage	Advanced planetary imaging	Advanced planetary imaging	Advanced planetary, solar, and lunar imaging	Advanced planetary, solar, and lunar imaging	Advanced solar and lunar imaging	Advanced solar and lunar imaging
Key Features	Uses proven Sony EX-View HAD CCD sensor with fast USB 3.0 connection.	Uses proven Sony EX-View HAD CCD sensor with fast USB 3.0 connection.	Versatility. Best color camera choice for doing equal amounts of planetary, lunar, and solar imaging. Mid-size sensor with USB 3.0 speed and great H-alpha sensitivity.	Versatility. Best camera choice for doing equal amounts of planetary, lunar, and solar imaging. Mid-size sensor with USB 3.0 speed and great H-alpha sensitivity.	Best color solar camera on the market for under \$1,000. Larger sensor with great H-alpha sensitivity and USB 3.0 speed.	Best solar camera on the market for under \$1,000. Larger sensor with great H-alpha sensitivity and USB 3.0 speed.
Recommended Accessories	Skyris IR-Cut Filter	Skyris Filter Wheel, LRGB Filter Set	Skyris IR-Cut Filter	Skyris Filter Wheel, LRGB Filter Set	Skyris IR-Cut Filter	Skyris Filter Wheel, LRGB Filter Set