



# Clifton Cameras Product Specification

## Celestron NexImage 5 Solar System Imager (5MP)

### Specifications

Color or Monochrome:	Color
Power Requirements:	Powered by USB
USB Cable:	USB 2.0, cable 5' long
Camera Housing Construction:	ABS with aluminum connection ring
Optical Window:	IR Cutoff Filter
Pixel Size:	2.2 micron square
A/D Conversion:	12 bit
Imaging Sensor:	ON Semi MT9P031 CMOS
Camera Resolution (in Pixels):	2592 x 1944
Total Number of Pixels:	5.0 MP
Mounting:	1.25" barrel and C-thread
Sensor Size:	5.7mm x 4.28mm (0.22" x 0.16")
Shutter:	Electronic Rolling Shutter
Software Compatibility:	iCap   IC Capture   DirectShow
Operating Environment:	-22° - 158°F (-30° - 70°C)
Sub-Framing:	Hardware Selectable
Exposure Range:	0.0001 to 30 seconds
Frames per second:	6.23 to 52.37 at the lowest resolution, 0.71 to 5.99 at the highest resolution
Back Focus Distance:	13.1mm (0.51") with nosepiece, 10.6mm (0.41") without nosepiece
Recommended/Best Usage:	Getting started in lunar, solar, and planetary imaging
Weight:	2.0 oz (57 g)
Included Items:	NexImage 5 camera body   1.25" nosepiece   Software CDI USB cable   Instruction manual