



Clifton Cameras Product Specification

Celestron NexImage 10 Solar System Colour Imager (10MP)

Specifications

Color or Monochrome:	Color
Power Requirements:	Powered by USB
USB:	High-Speed USB 3.0, cable 10' length
Camera Housing Construction:	ABS with aluminum connection ring
Optical Window:	IR Cutoff Filter
Pixel Size:	1.67 Micron Square
A/D Conversion:	12 bit
Imaging Sensor:	ON Semi MT9J003 CMOS
Camera Resolution (in Pixels):	3856 x 2764
Total Number of Pixels:	10.7 MP
Mounting:	1.25" barrel and C-thread
Sensor Size:	6.4mm x 4.6mm (0.25" x 0.18")
Shutter:	Electronic Rolling Shutter
Software Compatibility:	iCap IC Capture DirectShow oaCapture
Operating Environment:	-40° - 104°F (-40° - 40°C)
Sub-Framing:	Hardware ROI
Exposure Range:	0.0001 to 10 seconds
Frames per second:	Up to 60 (14.7 fps at full frame)
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 10 camera body 1.25" nosepiece Software CDI USB cable Instruction manual