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## Orion StarShoot USB Eyepiece Camera II

**AUD \$79.00**

### Product Images



### Short Description

- Fun and useful USB Eyepiece Camera allows you to transmit the real-time view through your telescope to a laptop or PC, and capture great digital movies and images
- Share the view of bright planets, the Moon, and terrestrial targets through your telescope with friends, family, and fellow astronomy enthusiasts.
- An affordable introduction to the rewarding hobby of astrophotography. Great for lunar and planetary shots - not suitable for deep space imaging
- Very versatile - Fits into any 1.25" telescope focuser or 1.25" step-down adapter
- Includes Orion AmCap image video capture software - compatible with Windows XP/Vista/7/8 Operating Systems

## Description

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With Orion's StarShoot USB Eyepiece Camera II, the whole family, classroom, or astronomical society can enjoy the view as seen through your telescope right along with you, as if you were all looking through the same telescope at once! The USB Eyepiece Camera II lets you view what you see in your telescope on your laptop or desktop PC for crowd-pleasing performance.

The StarShoot USB Eyepiece Camera II fits in any telescope with a 1.25" focuser, or a 2"-to- 1.25" step-down adapter. While a telescope attached to a mount equipped with a tracking motor will provide the best results for nighttime use, even non-motorized telescopes like Dobsonian reflectors work well with this petite performer. During daylight hours, the USB Eyepiece Camera II can add crowd-pleasing performance to any telescope outfitted for terrestrial use. Telescopic views of birds, wildlife, and scenery can be seen and enjoyed on your laptop or desktop PC screen.

This fun and affordable camera provides a great entry into the rewarding realm of astrophotography. The StarShoot USB Eyepiece Camera II features a CMOS sensor chip with 8-bit output and RGB 24-bit color resolution. While not sensitive enough to capture images of faint deep space objects, the USB eyepiece enables you to share telescopic views of brighter objects within our solar system like the Moon and bright planets.

The 1.25" nosepiece is threaded for use with any Orion 1.25" eyepiece filter, so you can enhance the view to your liking by using a Moon filter, light pollution filter, color planetary filters, and more (filters sold separately). You can also use our StarShoot 0.5x Focal Reducer (sold separately) if you'd like to view a wider area.

The included Orion AmCap movie capture software allows you to save and process the views transmitted through the eyepiece. The StarShoot USB Eyepiece can capture up to 24 frames per second at its native resolution of 640 x 480 pixels, which is considerably higher than our original model. Progressive scan imaging means information from each and every pixel is delivered to your computer for each frame. The color CMOS sensor features small 5.6µ x 5.6µ pixels for great resolution on bright targets. All power is supplied to the StarShoot USB Eyepiece through its USB connection to your computer.

Get a StarShoot USB Eyepiece Camera II today and start enjoying the Moon and planets of the night sky, and daytime terrestrial views through your laptop or PC!

### Warranty

Limited Warranty against defects in materials or workmanship for one year from date of purchase. This warranty is for the benefit of the original retail purchaser only. For complete warranty details contact us.

### Warning

Please note this product was not designed or intended by the manufacturer for use by a child 12 years of age or younger.

Specifications

- Best for imaging  
Lunar & planetary
- Imaging sensor  
0.3MP Color CMOS sensor
- Imaging sensor size  
1/4"
- Pixel array  
640 x 480 (307,200 total)
- Pixel size  
6.0 x 6.0
- Imaging chip  
Single Shot Color
- Video frame rate  
Up to 30 frames per second
- Autoguider capability  
No
- Exposure range  
0.004s to 0.006s
- A/D conversion  
8 bit
- Thermoelectric cooling  
No
- IR filter  
Yes
- Mounting  
1.25" nozzle
- USB connection  
High-speed 2.0 and 1.1
- Software compatibility  
Windows 7/8
- Warranty  
One year