

## HSPV CAMERA REQUIREMENTS 2020

Questions: Contact

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### Basic Camera Requirements

- Camera must be easily operable in manual mode. That means you can control the focus, shutter speed, and aperture manually.
- Camera must be able to produce images in Camera Raw format
- Camera must be able to produce images that are 15 megapixels or larger
- Camera should have basic zoom lens of focal length approximately 18-55mm
- Camera can be either DSLR or Mirrorless
- SDHC memory card with at least 32GB capacity
- Clear filter to fit the lens

This **DSLR** is the type of camera we recommend for class:

[https://www.bhphotovideo.com/c/product/1485120-REG/canon\\_2727c002\\_kit\\_eos\\_rebel\\_t7\\_dslr.html](https://www.bhphotovideo.com/c/product/1485120-REG/canon_2727c002_kit_eos_rebel_t7_dslr.html)

You can also get a similar camera by Nikon or others in the same price range.

### Canon EOS Rebel T7 DSLR Camera with 18-55mm Lens and Accessory Kit

BH #CAEDRT71855A (B&H Kit) • MFR #2727C002 KIT ★★★★★ 32 reviews | [22 Questions, 29 Answers](#)

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Style

Configuration

#### Key Features

- EF-S 18-55mm f/3.5-5.6 IS II Lens
- Memory Card

**Mirrorless** cameras are another option. These are excellent cameras that are a bit lighter and more compact than the DSLR..

This Sony is a typical mirrorless camera: [https://www.bhphotovideo.com/c/product/1204148-REG/sony\\_alpha\\_a5100\\_mirrorless\\_digital.html](https://www.bhphotovideo.com/c/product/1204148-REG/sony_alpha_a5100_mirrorless_digital.html)

*There are similar cameras from Canon, Panasonic, and Nikon.*

### Sony Alpha a5100 Mirrorless Digital Camera with 16-50mm Lens and Accessory Kit (Black)

BH #SOA5100BKBK (B&H Kit) ★★★★★ 84 reviews | 55 Questions, 127 Answers

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**Caution:** Some cameras are easier to use in manual mode than others. All of the DSLR cameras are easy to use in manual mode. Many of the cheaper mirrorless cameras are difficult to use in manual mode. The best way to decide is to go to a camera store and compare the way they operate. **If hands-on testing is not possible we strongly advise purchasing a DSLR rather than a mirrorless camera**

A good **tripod** is essential. It should have a 3-way pan tilt head, to make it easier to level the camera.

**This is a good tripod:** [https://www.bhphotovideo.com/c/product/1059031-REG/manfrotto\\_mkcompactadv\\_bk\\_compact\\_advanced\\_tripod\\_black.html](https://www.bhphotovideo.com/c/product/1059031-REG/manfrotto_mkcompactadv_bk_compact_advanced_tripod_black.html)

### Manfrotto Compact Advanced Aluminum Tripod (Black)

BH #MAMCMPCTADV-BK • MFR #MKCOMPACTADV-BK | ★★★★★ 137 reviews | 45 Questions, 106 Answers



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Configuration

**This is a much better tripod:** [https://www.bhphotovideo.com/c/product/1175934-REG/manfrotto\\_mk290dua3\\_3wus\\_290\\_dual\\_3\\_way\\_head.html](https://www.bhphotovideo.com/c/product/1175934-REG/manfrotto_mk290dua3_3wus_290_dual_3_way_head.html)

### Manfrotto MK290DUA3-3WUS 290 Dual Aluminum Tripod with 3-Way Pan/Tilt Head

BH #MAMK290DUA33 • MFR #MK290DUA3-3WUS | ★★★★★ 11 reviews | 5 Questions, 5 Answers



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