

## Katapult Pro Approved Cameras

The Katapult Pro platform is designed to yield the highest level of measurement accuracy while still allowing field crews with the flexibility to take photos from a variety of angles, elevations, and distances from the pole. To minimize human error introduced by parallax, you must stand at least a pole's length away when you take your height photos.

### Recommended Setup:

Canon Rebel SL3 DSLR Body

Canon EF-S 18-55mm f/4-5.6 IS STM Kit Standard Zoom Lens

Measurement Accuracy: +/- 3" at 50'

**Settings Required: Internal clock must be set, Shooting mode must be set to P for "Program." Distortion Correction must be turned on. The further from the pole, the less error created due to parallax. Large image size, 3:2 aspect ratio, no RAW**



**\*DISTORTION CORRECTION MUST BE TURNED ON FOR MEASUREMENTS\***

[HOW TO TURN ON DISTORTION CORRECTION](#)

### **Why we recommend this setup:**

The SL3 is readily available at common electronics stores and online shops. Most are sold with the kit lens, which when used correctly yields incredibly high levels of accuracy. This combination is affordable, accurate, and available, all of which are essential for field crews.



## Accepted Cameras & Lenses

The following camera bodies and lenses meet our accuracy standards when used correctly. Contact us at [support@katapultengineering.com](mailto:support@katapultengineering.com) if you have any questions about a specific configuration.

### **Canon Rebel T3i, T4i, T5i, T6, T6i, T7i, SL2 or SL3 DSLR Body**

#### **EF 28-135mm f/3.5-5.6 IS USM Zoom Lens**

**Settings required:** Internal clock must be set. Shooting mode must be set to P for "Program." Large image size, 3:2 aspect, ratio, no RAW

**Why you would use this combo:** You have old camera bodies or lenses laying around, or are more comfortable with the legacy setup.

### **Canon Rebel SL2 or SL3 DSLR Body**

#### **EF-S 18–55mm f/4–5.6 IS STM or EF-S 18-55mm f/3.5-5.6 IS II Standard Lens**

**Settings Required:** Internal clock must be set, Shooting mode must be set to P for "Program." Distortion Correction must be turned on. Large image size, 3:2 aspect ratio, no RAW

**\*DISTORTION CORRECTION MUST BE TURNED ON FOR MEASUREMENTS\***

[HOW TO TURN ON DISTORTION CORRECTION](#)

**Why you would use this combo:** Affordable, accurate, available.

### **Canon EOS R100 Body**

#### **RF24-105mm F4-7.1 IS STM Lens**

**Settings Required:** Internal clock must be set, Shooting mode must be set to P for "Program." Large image size, 3:2 aspect ratio, no RAW

**Why you would use this combo:** Mirrorless cameras encourage better photos, as the viewfinder displays exactly how the photo will appear. The 24-105mm lens continues to provide high detail photos for cable tags and equipment specs while promoting better perspectives for height photos.