**Basic parameters**

**What's the resolution of the photos taken by DJI P1?**

The P1 takes photos with a resolution of 8192 \* 5460, or approximately 45 megapixels.

**Which image/video formats are supported?**

Photos: JPEG, DNG, JPEG+DNG；
Videos: MP4，MOV

**What's the shortest continuous shooting interval of the camera?**

0.7 second.

**What's the mechanical shutter speed range of the P1?**

1/2000s––1s.

**What's the single pixel size of the P1?**

4.4μm.

**which lenses does the P1 support?**

The P1 supports 24mm, 35mm and 50mm lenses with DL mounts.

**Which drones support the P1? On which gimbal port can it be installed?**

Suport M300 RTK, and currently can be installed only on the single downward gimbal of M300 RTK.

**Which position is recorded by the photos taken by the P1?**

In photos taken by the P1, the exit pupil position at the center of the camera lens is recorded.

**Does the lens support zooming? How to focus during operation?**

Zooming is not currently supported.Initial waypoint auto focus and calibrated infinity focus can be used when in Route mode. Manual focus is required when in Manual mode.

**What is the Low-noise High-sensitivity mode of the P1?**

The Low-noise and high-sensitivity mode of the P1 can improve camera sensitivity (ISO) while reducing noise levels, which expands the range of operatable scenarios for P1.

**What are the features of M300 RTK when used with the TimeSync 2.0 of Zenmuse P1 aerial surveying solution?**

Output the exposure time interval in microseconds;
Time synchronization for the camera, the gimbal, the flight control system, and RTK;
Brand-new position and orientation compensation function which writes precise exit pupil positions of the camera into the photos based on the positions and orientations of the drone and the gimbal.