

PHASE**ONE**

QUANTUM
SYSTEMS

 **Trimble**



TRINITY PRO

Phase One P5

Phase One P5

The Phase One P5 is the revolutionary flagship **128MP Medium Format** camera that transcends its role as a mere camera – it's a **survey-grade instrument** set to redefine the way you capture.

With an astounding 128-megapixel resolution, it delivers unprecedented image detail and resolution, ensuring the utmost accuracy and reliability in your survey data. Achieve exceptional results, down to 0.3/0.8 cm RMS XY/Z* absolute accuracy, making your data impeccably trustworthy. When paired with the Trinity PRO, the P5 swiftly covers large areas with survey-grade precision,

significantly reducing time and costs compared to conventional methods. The electronic global shutter, combined with metrically calibrated lens and sensor, reduces the necessity for extensive software corrections caused by pixel distortion, ensuring the preservation of high-quality data. Take your surveying to the next level with the P5!

*Using high precision PPK and accurate ground control points.

Phase One P5

Technical Specifications

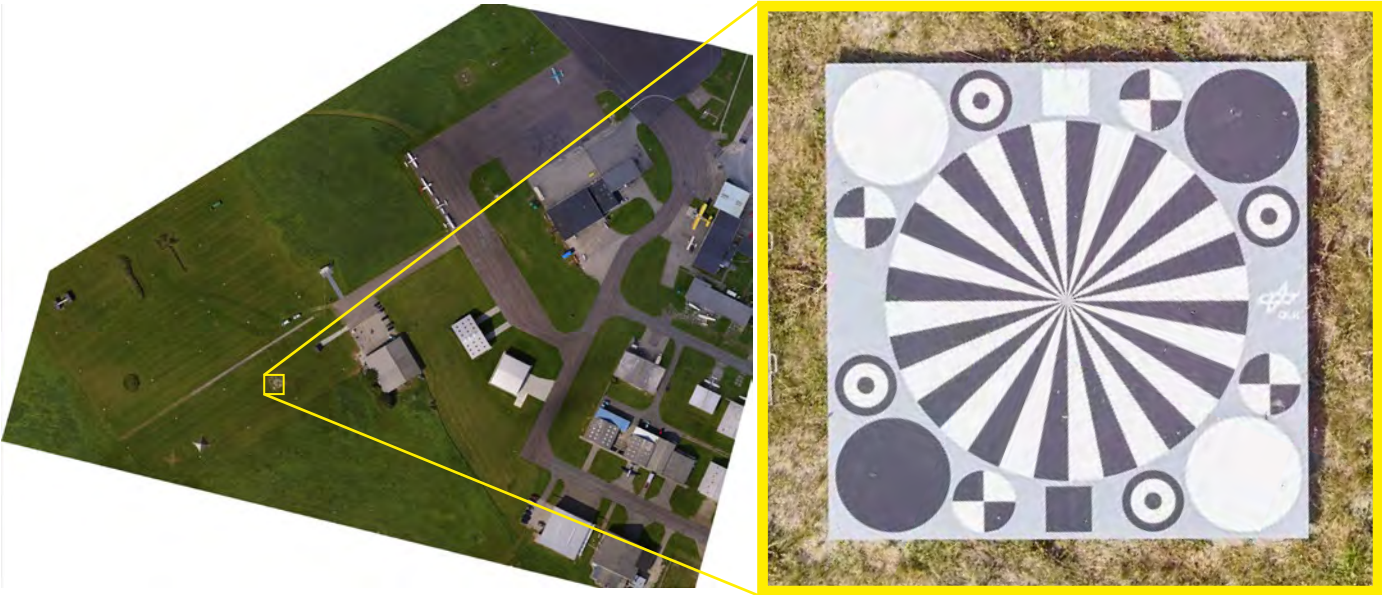


Sensor Resolution	128 MP
Sensor Type	CMOS
Sensor Size	Medium Format
Shutter Type	Electronic Global Shutter
Dynamic Range	80 dB
Max Frame Rate	4 fps
Storage	CF Express Card up to 2TB
Lens Options	80 mm (HFOV: 32° VFOV: 23) 35 mm (HFOV: 66° VFOV: 49)

80 mm Option	GSD @60m GSD @120m Coverage @60m AGL Coverage @120m AGL	0.26 cm/px 0.52 cm/px 67 ha (0.26cm/px GSD, 70% overlap) 135 ha (0.51cm/px GSD, 70% overlap)
35 mm Option	GSD @60m GSD @120m Coverage @60m AGL Coverage @120m AG	0.59 cm/px 1.18 cm/px 154 ha (0.59cm/px GSD, 70% overlap) 309 ha (1.18cm/px GSD, 70% overlap)

Sample Data

	FLIGHT ALTITUDE 60 m		GSD 0.26 cm/px		Area 14 ha
	FLIGHT SPEED 18 m/s		Images 1804		Flight Time 12.40 min



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