



True View 515 Product Specifications

All Purpose Sensor

Specification	Value
LIDAR Scanner	Hesai PandarXT-32
LIDAR Range - Usable	80 m @ 20% reflectivity
Field of View (FOV) - Combined	120°
LIDAR Beams/Returns	32/2
Pulse Repetition Rate	640 kHz
Accuracy	Better than 5 cm, RMSE
Precision	Better than 5 cm at 1 σ
Dual Cameras (Port, Starboard)	$\pm 25^\circ$ cross-track oblique
Camera Sensor	1" mechanical shutter, hardware mid-exposure pulse, 20 MP, RGB
Camera Lens	28 mm f, 2.8 Max F Stop, fixed focus
Camera Cross-track FOV	63.6°
Camera Trigger	Interval or Distance
Mass	2.15 kg, with battery
Operating Time (per battery)	> 1 hr
Dimensions	30.5 cm x 17.5 cm x 16.7 cm

GeoCue
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