



TV515 Specifications



Specification	Value
Data Collection	LiDAR + Imagery
Laser Scanner	Hesai PandarXT-32
LiDAR Range - Usable	80 m @ 20% reflectivity
LiDAR Beams/Returns	32/2
Cross-track Field of View (FOV)/Combined	120°
Pulse Repetition Rate	640 kHz
Network Accuracy	Better than 5 cm, RMSE
Precision	Better than 5 cm at 1 σ
Camera Sensor	Dual 1" mechanical shutter, hardware mid-exposure pulse, 20 MP, RGB
Mass	2.25 kg