



TV435 Specifications



Specification	Value
Data Collection	LiDAR + Imagery
Laser Scanner	Hesai Pandar XT
LiDAR Beams/Returns	16/2
LiDAR Range	80 m @ 20% reflectivity
Pulse Repetition Rate	320 kHz
Cross-Track Field of View	120°
Position and Orientation System (POS)	Applanix APX-15
Accuracy	Better than 5 cm, RMSE
Precision	Better than 5 cm at 1 σ
Camera Sensor	1" mechanical shutter, hardware mid-exposure pulse, 20 MP, RGB