

TRUEVIEW

TV435 Specifications



TrueView 435 is the most economical platform for utility-grade mapping. GeoCue's TrueView 435 is our next generation compact 3D Imaging System that has sensitivity needed for infrastructure mapping. In addition, its superior ground capturing capabilities for lightly vegetated areas make this the most economical platform for utility grade-mapping.

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	Dual 1" mechanical shutter, hardware mid-exposure pulse, RGB, 40 MP combined