

# TRUEVIEW

## TV720 Specifications



Specification	Value
Data Collection	LIDAR + Imagery
LiDAR Scanner	RIEGL VUX-120
LIDAR Beams>Returns	Up to 5 per outgoing pulse
LIDAR Range - usable	720m for targets with > 20% reflectivity
Positioning and Orientation System	Applanix APX-20, ask for other IMU options available
Pulse Repetition Rate	Up to 2.4Mhz (selectable)*
Accuracy	Better than 2.5 cm RMSE (660)
Precision	Better than 2 cm at 1 $\sigma$
Camera Sensor	3 Sony IMX-183: 1", 20 MP, RGB -> 60 MP per payload. Ask for further custom camera integration.