



## TV655/660 Specifications



Specification	Value
Data Collection	LiDAR + Imagery
Laser Scanner	RIEGL miniVUX-3UAV
LiDAR Beams/Returns	Up to 5 per outgoing pulse
LiDAR Range - usable	100 m for targets with > 20% reflectivity
Positioning and Orientation System	(655) Applanix APX-15   (660) Applanix APX-20
Pulse Repetition Rate	Up to 300 kHz (selectable)*
Accuracy	Better than 5 cm, RMSE
Precision	(655) Better than 2.5 cm at 1 $\sigma$   (660) Better than 2 cm at 1 $\sigma$
Camera Sensor	3 Sony IMX-183: 1", 20 MP, RGB -> 60 MP per payload
Mass	(655) 2.4 kg   (660) 2.6 kg or 2.8 kg