

Factsheet Mobile Mapping System

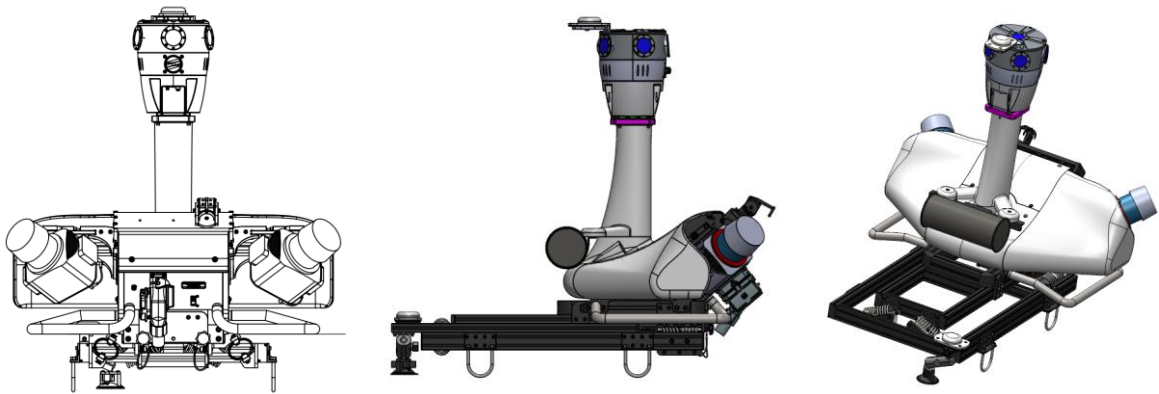
IGI Streetmapper V (Ladybug-5)



Dimensions / Weight	• Sensor Head: 58x90x75cm (LxWxH), ~35Kg
Navigation device	• Tactical grade IMU (IGI FOG II, 0.03deg/h gyro drift) • 2 GNSS Antennas (GPS, GLONASS, GALILEO, BEIDOU) • Optical Odometer • Speeds from 1-100 km/h
Laserscanner	• 2 x Scanner Riegl VUX-HA1 (up to 1000KHZ @ 250 scanlines/s)
Imagery	• 1 x Panoramic camera: FLIR Ladybug 5+ (30 mpix) • Optional: 2 x Planar cameras: IGI-CAM (12mpix, f=12mm), optional mount in all directions • Synchronized and distance based triggering (2-10m distance) for all still imagery • Optional: HD/4K videos (up to 4 cameras)
Carrier	• Standard carrier: Suzuki Jimny, max height with system: 2.6m • Mountable on other carriers (train/boat)



IGI Streetmapper V (MOSAIC-X)



Dimensions / Weight	Sensor Head: : 58x95x75cm (LxWxH), ~40Kg
Navigation device	- Tactical grade IMU (IGI FOG II, 0.03deg/h gyro drift) 2 GNSS Antennas (GPS, GLONASS, GALILEO, BEIDOU) - Optical Odometer - Speeds from 1-100 km/h
Laserscanner	2 x Scanner Riegl VUX-HA1 (up to 1000KHZ @ 250 scanlines/s)
Imagery	1 x Panoramakamera: MosaicX (72 mpix) - Optional: 2 x Planar cameras: IGI-CAM (12mpix, f=12mm), optional mount in all directions - Distance based (2-10m distance) and framerate (2-10 FPS) triggering - Optional: HD/4K videos (up to 4 cameras)
Carrier	- Standard carrier: Suzuki Jimny, max height with system: 2.6m - Alternative carrier: Dacia Logan, max height with system < 2m - Mountable on other carriers (train/boat)

