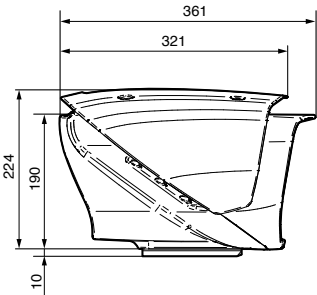
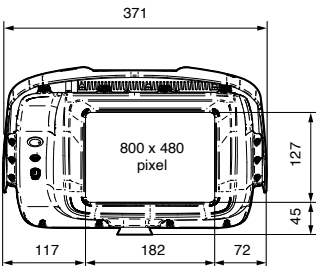
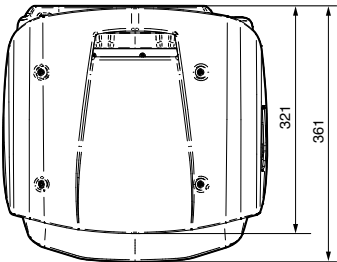
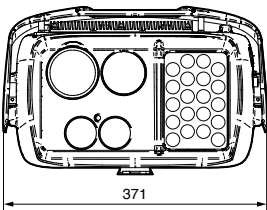


SI – The Portable Traffic Enforcement Solution

Distance Range	
Optimal ANPR range at ambient light	20 m – 150 m (65 feet – 500 feet)
Maximal ANPR range at optimal conditions	220 m (720 feet) with Sensor 2
Measuring distance	up to 600 m (2000 feet)
Imaging	
Resolution (H × V pixels)	Dual-sensor system (2x) 1440 x 1080
Function of the second sensor	Enhanced ANPR and enforcement, overview
Lens	30× variable zoom, motorized, programmable presets
Illumination	
Wavelength	760 & 850 nm
Illumination mode	Synchronized flash
On-Board Intelligence	
Carmen on-board ANPR	✓
GDS compliant	✓
Vehicle category (MMR light*)	✓
Video analytics	✓
Image preselection (license plate detection)	✓
License plate detection	✓
Vehicle direction detection	✓
Vehicle category ADR recognition	✓
Speed measurement	3 lanes with configurable speed limits per vehicle category per lane (up to 6 speed zones total)
Processing & I/O	
*MMR light: only two classes — personal cars and larger vehicles	
CPU for ANPR	Intel Atom Quad Core 4x1.9 GHz
Communication protocols	ARP, ICMP, TCP/IP, DHCP, NTP
4G / LTE Modem / GPS / Wi-Fi	Included
Onboard mass storage	128 GB SSD
Connectivity	1 Gbps Ethernet, push-pull USB connector, external push-pull power connector
Touchscreen	800 x 480 pixel, user-friendly interface
Electrical Data	
Power requirement	12 – 17 V DC
Power consumption (typical)	25 W
Internal battery capacity	36 Wh
External battery capacity (optional)	260 – 520 Wh (6 – 12 hours typical operating time)
Mechanical Data	
Operating temperature	-20 °C – +50 °C (-4 °F – +122 °F)
IP rating	IP54
Dimensions l × w × h	361 mm × 371 mm × 224 mm (14.2" × 14.6" × 8.8")
Weight	10.2 kg (22.44 lbs.)
Laser	
Measurable speed range	10 – 300 km/h (6 – 186 mph)
Eye safety class	Class I / Class Im (EN60825-1)
In the box	
SI, military grade carrying case, power cable with 12V plug (car cigarette lighter), ethernet cable, external GPS adapter, lifetime Carmen® license plate recognition software, user guide	
Optional Accessories and Software	
Tripod with carrying case and mounting kit, external battery with power cable, external battery charger, car seat adapter, soft carrying case, Globessey Data Server central middleware application	



Speed measurement up to 600 m / 2000 ft, ANPR/LPR up to 220 m / 720 ft (up to 100 m / 330 ft at night in complete darkness - 0 lux)



Technical specifications are subject to change without prior notice. This document does not constitute an offer. Custom configurations are available when the above mentioned product does not fulfil project requirements. Please contact our sales team to discuss your project needs and explore tailored solutions. We are happy to help.