

S1 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 1200 m (4000 feet) |

Imaging

| | |
|---------------------------------------|---|
| Resolution (H × V pixels: frame rate) | Sensor1: 1280 × 720: 30 fps Sensor2: 2048 × 1536: 25 fps |
| 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 |

Processing & I/O

| | |
|------------------------------|--|
| 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* | 45°C – +70°C (-49°F – +158°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.) |

*internal

Laser

| | |
|------------------------|--------------------------------|
| Measurable speed range | 10 – 300 km/h (6 – 186 mph) |
| Eye safety class | Class 1 / Class 1m (EN60825-1) |

In the box

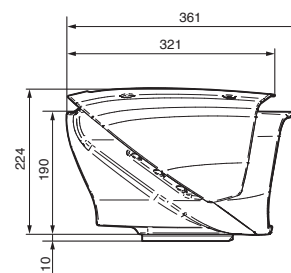
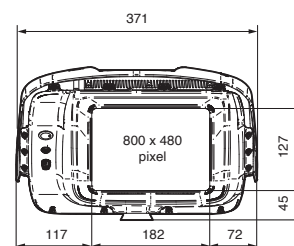
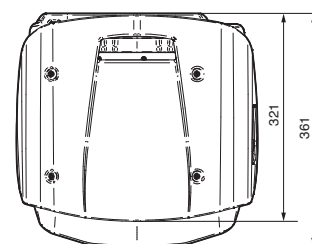
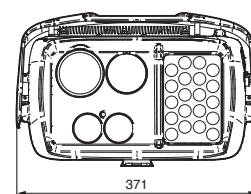
S1, military grade carrying case, power cable with 12V plug (car cigarette lighter), ethernet cable, external GPS adapter, lifetime Carmen® license plate recognition software, user guide

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 1200 m / 4000 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.



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Release date: 07.06.2023