



# 380 ALPR CAMERA-READY TRAILER

The trailer is compatible, interchangeably, with the following signage:

- SpeedAlert 18 or 24 (SA18 or SA24) Radar Message Sign
- InstAlert 18 or 24 (IA18 or IA24) Variable Message Sign
- Shield 15 (Sh15) Radar Speed Sign
- Ground clearance: 5 ft. (1.52 m) clearance from the ground to bottom of the sign
- Meets Federal Department of Transportation MUTCD specifications

## Features

- **Trailer weight:** 1,224 lb. (kg) with 900Ah battery capacity and SpeedAlert 24
- **Tongue weight:** 96 lb. ( kg)
- **Dimensions:** 61.50 in. long x 62.50 in. wide x 66.50 in. high (156.21 cm long x 158.75 cm wide x 18.91 cm high), (stowed)
- Simple manual lever with lift-assist system for one-person set-up
- Removable tongue for 2 in. (5.08 cm) ball, lockable
- Storage for tongue and lift bar in locked battery compartment
- 16 ga. steel locking battery compartment with vented battery chamber, charger and accessories chamber and 1/8 in (0.32 cm) aluminum diamond plate lid
- Continuous-weld steel frame, white marine-grade powder coat finish
- Additional locking battery box for expanded battery capacity, includes ALPR system equipment area with access panel and optional recessed camera compartment
- **Wheels:** 12 in. (30.48 cm) bolt steel rims with 4.50 (11.43 cm) bolt circle
- **Ground Clearance:** 9.75 in. (24.77 cm) under axle, 19 in. (48.26 cm) under chassis



- Replaceable steel fenders, weight supporting
- Locking wheel lug bolts, one per wheel, with removal tool
- **Axle:** 2,000 lb. (907.18 kg) leaf spring
- **Jacks:** four, retractable crank-type, fully adjustable at each corner, 1,500 lb. (680.39 kg) capacity each
- Recessed tail lights and DoT-approved lighting
- Safety chains, 23 in. (58.42 cm) with hooks
- DoT-approved red and white reflective tape
- License plate holder with light

## Trailer Power

- Separately switched 12VDC power cord to easily power add-on hardware
- Maintenance-free 900Ah batteries, two 6VDC batteries in series, deep cycle marine
  - 130 lb. (58.97 kg) per pair, four pairs

- 40A time-delay fuse on battery supply
- 380W solar assist with 30A MPPT solar controller with low-voltage disconnect to prevent overcharging and over-discharging
- Solar panels charge while sign stowed or deployed
- 40A 120VAC automatic charger with externally accessible AC connection
- Independent switches to control power to the sign and ALPR system separately

## Optional Components and Features

- External camera box (up to two camera capacity)
- Available recessed camera compartment to fit ALPR camera
- Speed Limit sign with interchangeable digits for 5-65 mph (8-105 kph); extra digit storage in battery compartment
  - Seven digit available for use on 70 mph (113 kph) roads
- Red-and-blue violator strobe light bar, set to flash above user-set speed
- 2 5/16 in. (5.87 cm) ball coupler or pintle hook, adjustable height, on removable tongue
- Orange and other custom colors available (minimum order quantity)
- Tamper alarm with adjustable sensitivity
- Wheel-lock bar

## Warranty

One year warranty (three months on batteries)



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