

# Flock Safety's Falcon™ ALPR Camera Performance

## The Breakdown

Flock Safety's Falcon™ automatic license plate reader captures 97% of vehicle traffic and automatically detects vehicle characteristics (license plate, vehicle make, color, and vehicle classification).

With an infrastructure-free design, solar power and cellular internet, the ALPR can go virtually anywhere. If desired, hard-wired power is available as well.



## Test Factors

- 1 Record Traffic**  
Capture all vehicles (100K) during testing period using video technology.
- 2 Annotate Video**  
Dictate vehicle characteristics (make, license plate, color, and type).
- 3 Compare Data**  
Compare data from video to Flock Safety's camera captured results.

## ALPR Results

### Accuracy

- 93% License plate characters accuracy
- 95% Vehicle color (daytime) accuracy
- 92% Vehicle make accuracy
- 98% Vehicle type accuracy

### Capture Rate

- 98% Single lane test
- 97% Two lane test

