

Red Light Protect

Field Reference Guide

1. UNDERSTAND THE PURPOSE

- Red Light Protect helps protect against red light runners
- It holds conflicts red until the vehicle clears the intersection

2. KNOW WHAT THE FEATURE DOES NOT DO

- It does not prevent a driver from running a red light
- It does not prevent citations or enforcement action

3. USE DETECTION TO IDENTIFY THE EVENT

- Use video, radar, fusion cameras, or other detection types
- Detect when a vehicle may enter during yellow or red clearance

4. USE ESTIMATED TIME OF ARRIVAL

- Use ETA information from the detection system
- Determine if the vehicle will enter during clearance

5. APPLY DYNAMIC RED TIME

- Add red time at the end of clearance when needed
- Provide only enough time for the vehicle to clear

6. CONFIGURE RED LIGHT PROTECTION CONSTANTS

- Set activation limits by cycle or headway
- Control how often the feature can respond

7. CONFIGURE TIMINGS AND DETECTORS

- Set timing from detection point to intersection clearance
- Use dedicated detectors only for Red Light Protect

8. REVIEW COORDINATION AND SAFETY IMPACTS

- Frequent red light running can affect coordination
- Use enforcement or countermeasures for repeated issues